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FEDERAL MILK ORDER

MARKET STATISTICS

OCTOBER HIGHLIGHTS

PRODUCER DELIVERIES UP 2.6 PERCENT

PRODUCER MILK USED IN CLASS I UP 5.9 PERCENT

73 PERCENT OF DELIVERIES USED IN CLASS I

MINIMUM CLASS I PRICE \$6.44; BLEND, \$6.00

IN-AREA FLUID MILK SALES UP 3.8 PERCENT

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* SPECIAL THIS ISSUE - Page 22 *

* Use of Surplus Milk *

* in Federal Order Markets, 1967 *

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TABLE OF CONTENTS

<u>Table No.</u>	<u>Page No.</u>
Highlights	3
1. Federal order minimum Class and blend prices for milk of 3.5 percent butterfat content, f.o.b. market or other indicated point, and butterfat differentials, October	4
2. Federal order minimum Class I and blend prices for milk of 3.5 percent butterfat content, f.o.b. market or other indicated point, January-October averages	6
3. Number of producers delivering milk to handlers regulated under Federal orders, total deliveries, and average daily deliveries per producer, October	8
4. Producer milk deliveries used in Class I and gross Class I sales by handlers regulated under Federal orders, October	10
5. Producer milk deliveries to handlers regulated under Federal orders and deliveries used in Class I January-October	12
6. Total fluid items, whole milk, skim milk items, milk and cream mixtures, and cream sold in marketing areas defined by Federal milk orders, for markets where such information is available, September, with comparisons	14
7. Federal milk order Class I formula price information, October	18
8. Prices and economic indexes used in Federal milk order formulas to determine October prices, with comparisons	20
9. Federal order base and excess prices for milk of 3.5 percent butterfat content, October	21
10. Seasonal incentive fund included under various Federal milk orders, October	21
11. Filled and imitation milk sales in Federal milk order markets, August, September, and October 1968	21
12. Whole milk used in the production of manufactured dairy products in the United States and whole milk used in manufactured dairy products by handlers regulated under Federal order markets, 1967	22
12a. Seasonality of milk utilized in manufactured products in Federal order markets. Milk used in selected manufactured dairy products as a percentage of the monthly average use for the year, 1967	22
Major order actions, October	25

FEDERAL MILK ORDER MARKET STATISTICS

Highlights

OCTOBER 1968

Mergers and Expansions. The merger on October 1, 1968, of the former St. Louis and Ozarks marketing areas into a single St. Louis-Ozarks order area, and the expansion of the North Texas area has necessitated some adjustments of previously reported data. As has been done on all mergers, data for the former markets are combined and weighted to make them more nearly comparable to current data for the merged order. Also, because of the expansion of the North Texas area, it has been dropped from the list of comparable markets. As a result of these actions, the number of comparable markets has dropped from 62 to 60 for the month of October 1968.

Producer Deliveries. A total of 101,747 producers delivered 3.4 billion pounds of milk to regulated handlers in 60 comparable markets during October 1968. This is 2.6 percent above producer deliveries in October 1967. Average daily delivery per producer increased from 1,006 pounds in October 1967 to 1,072 pounds in October of this year. Producer numbers, producer deliveries, average butterfat percentages, and average daily deliveries per producer for individual markets are shown on table 3.

Producer Deliveries Used in Class I. The volume of producer deliveries used in Class I in 60 markets increased 5.9 percent from last year, to a total of 2.5 billion pounds for the month of October 1968. At least part of this increase may be attributed to the four Sundays occurring in October of this year as compared to five during October 1967. Very little milk is sold by handlers on Sunday.

Gross Class I sales, which comprise total Class I sales by regulated handlers, in-and-out of defined marketing areas, increased 6.0 percent in the 60 markets for the month of October.

Percentage of Producer Deliveries Used in Class I. The average utilization percentage for October 1968 was 73 percent, up from 71 percent for October 1967. Thirty-three markets showed an increase in the utilization percentage, seven showed no change, and the remaining 20 markets showed a decrease (See table 4).

Minimum Prices. The weighted average Class I price paid by handlers in the 60 markets for 3.5 percent milk was \$6.44 per hundredweight, 48 cents higher than the \$5.96 per hundredweight price in October 1967. Minimum Class I prices for October this year were higher in all 60 markets.

Producers in the 60 markets received a weighted average blend price of \$6.00 per hundredweight for 3.5 percent milk, 45 cents higher than the \$5.55 price received by producers in October 1967. Producers received a higher blend price in 56 markets, the same in two markets, and a lower price in the remaining two markets. Class prices, blend prices, and associated butterfat differentials, by markets are reported on table 1.

Fluid Milk Sales. Total in-area fluid milk sales for October 1968 in 62 marketing areas are estimated to be about 2.5 billion pounds, 3.8 percent above such sales in October of last year. Complete September in-area sales for total fluid items, and for the four major fluid product groupings (whole milk, skim milk items, mixtures, and cream), are reported on table 6.

Filled and Imitation Milk Sales. Survey data of filled and imitation milk sales in Federal order markets, August, September, and October 1968 are presented in table 11.

YEAR TO DATE

Minimum Prices. The weighted average Class I price for the January-October period for the 60 markets was \$6.21, 29 cents above the \$5.92 for the same period in 1967. The 1968 weighted average blend price was \$5.48, 27 cents higher than the blend price of \$5.21 reported for the same period in 1967 (See table 2).

Producer Deliveries and Deliveries Used in Class I. Producer deliveries and deliveries used in Class I are reported for individual markets on table 5. In the first ten months of this year, compared to the same period in 1967, producer deliveries for the 60 markets decreased 0.2 percent, and deliveries used in Class I were up 1.6 percent.^{1/} Data for the 60 markets and for all markets are summarized below:

Producer Milk Deliveries and Deliveries Used in Class I, January-October

Markets	Producer Deliveries			Deliveries used in Class I		
	1968	Change from 1967 2/		1968	Change from 1967 2/	
	1,000 lb.	1,000 lb.	Percent	1,000 lb.	1,000 lb.	Percent
60 Comparable markets 3/	34,753,181	-80,871	- 0.2	22,643,691	+354,550	+ 1.6
7 Non-comparable markets 4/	12,439,732	+2,003,804		7,324,881	+1,071,450	
67 All markets	47,192,913	+1,922,933	+ 4.3	29,968,572	+1,426,000	+ 5.0

1/ February 1968 data adjusted to 28 days before computing percentage change.

2/ February 1968 data adjusted to 28 days before computing changes in both pounds and percentages.

3/ Markets under continuous regulation since January 1, 1967, which have had no significant marketing area expansions.

4/ Massachusetts-R.I.-N.H., Eastern Ohio-Western Pa., Chicago Regional, Nebraska-Western Iowa, Minnesota-North Dakota, North Texas, and South Texas.

TABLE 1.--FEDERAL ORDER MINIMUM CLASS AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.O.B. MARKET OR OTHER INDICATED POINT*, AND BUTTERFAT DIFFERENTIALS, OCTOBER**

MARKETING AREA	PRICES PER 100 POUNDS						FAT DIFFERENTIAL 0.1%			
	CLASS I		BLEND		CLASS II	CLASS III	CLASS I	CLASS II	CLASS III	BLEND
	OCT 1968	OCT 1967	OCT 1968	OCT 1967	OCTOBER 1968		OCTOBER 1968			
	DOLLARS						CENTS			
NEW ENGLAND										
MASSACHUSETTS-R.I.-N.H. 1/	6.91	6.35	6.27	5.70	4.29	---	8.3	8.3	---	8.3
CONNECTICUT	7.31	6.82	7.30	6.78	4.35	---	8.3	8.3	---	8.3
AVERAGE 2/	7.31	6.82	7.30	6.78	---	---	8.3	---	---	8.3
MIDDLE ATLANTIC										
NEW YORK-NEW JERSEY 3/	6.73	6.11	6.15	5.64	4.29	---	8.4	8.4	---	8.4
DELAWARE VALLEY 4/	7.17	6.65	6.49	6.10	4.37	---	8.3	8.3	---	8.0
AVERAGE 2/	6.82	6.23	6.21	5.72	---	---	8.4	---	---	8.3
SOUTH ATLANTIC										
UPPER CHESAPEAKE BAY 5/	7.07	6.55	6.32	5.87	4.31	---	8.8	8.3	---	9.0
WASHINGTON, D.C.	7.07	6.55	6.42	6.02	4.31	---	8.8	8.3	---	9.0
CLARKSBURG	6.44	6.07	6.06	5.67	4.23	---	8.9	7.7	---	8.6
TRI-STATE 6/	5.96	5.85	5.92	5.91	4.43	4.28	8.2	7.7	7.7	8.1
APPALACHIAN 7/	6.46	6.18	6.38	6.04	3.99	---	8.2	7.4	---	8.1
TAMPA BAY	7.23	6.76	6.94	6.27	5.28	4.43	7.5	7.5	7.7	7.5
SOUTHEASTERN FLORIDA 8/	7.43	6.96	7.23	6.63	5.28	4.43	7.5	7.5	7.7	7.5
UPPER FLORIDA 9/	7.13	6.77	7.03	6.60	5.28	4.43	7.5	7.5	7.7	7.5
AVERAGE 2/	6.96	6.53	6.55	6.14	---	---	8.2	---	---	8.4
EAST NORTH CENTRAL										
EASTERN GROUP										
UPSTATE MICHIGAN 10/	5.82	5.54	5.50	5.38	4.38	4.13	7.5	7.5	7.5	7.5
SOUTHERN MICHIGAN 11/	5.93	5.20	5.43	4.78	4.38	4.23	7.6	7.6	7.6	7.5
NORTHWESTERN OHIO 12/	6.03	5.50	5.63	5.14	4.23	---	8.2	7.7	---	8.1
EASTERN OHIO-WESTERN PA. 13/14/	6.20	15/5.69	5.77	15/5.24	4.23	---	8.2	7.7	---	8.1
COLUMBUS	5.78	5.50	5.85	5.51	4.23	---	8.2	7.7	---	8.1
MIAMI VALLEY 16/	6.16	5.85	6.13	5.81	4.23	---	8.2	7.7	---	8.1
CINCINNATI	6.24	5.95	6.12	5.81	4.23	---	8.2	7.7	---	8.0
AVERAGE 2/	5.98	5.41	5.62	5.08	---	---	7.8	---	---	7.7
WESTERN GROUP										
MICHIGAN UPPER PENINSULA 17/	5.68	5.16	18/5.31	18/4.89	4.28	---	8.6	7.7	---	8.4
CHICAGO REGIONAL 19/20/	5.53	15/4.91	5.12	15/4.56	4.28	---	8.2	8.1	---	8.2
FORT WAYNE	5.83	5.51	5.64	5.42	4.23	---	8.2	7.7	---	8.0
LSVILLE-LXGTON-EVNSVILLE	5.93	5.60	6.09	5.75	4.28	---	8.2	8.1	---	8.2
INDIANAPOLIS	5.90	5.58	5.88	5.73	4.23	---	8.2	7.6	---	8.0
SOUTHERN ILLINOIS 21/	5.86	5.34	5.85	5.23	4.28	---	8.2	7.7	---	8.0
CENTRAL ILLINOIS 22/	5.72	5.20	5.58	4.98	4.28	---	8.2	7.7	---	8.0
AVERAGE 2/	5.88	5.49	5.87	5.51	---	---	8.2	---	---	8.1
WEST NORTH CENTRAL										
NORTHERN GROUP										
DULUTH - SUPERIOR	5.43	5.15	4.82	4.45	3.98	---	8.9	8.1	---	8.5
MINNEAPOLIS - ST. PAUL	5.39	4.87	4.99	4.54	4.28	---	8.3	7.9	---	8.1
EASTERN SOUTH DAKOTA 23/	5.83	5.42	5.64	5.09	4.28	---	8.2	7.4	---	7.9
BLACK HILLS 24/	6.68	6.40	4.99	5.18	3.97	---	11.7	7.3	---	8.0
NORTH CENTRAL IOWA 25/	5.58	5.06	26/5.37	26/4.97	4.28	---	8.2	7.7	---	8.1
CEOR RAPIDS - IOWA CITY	5.63	5.11	5.12	4.71	4.28	---	8.2	7.4	---	7.8
QUAO CITIES - OUBUQUE 27/	5.63	5.11	5.24	4.74	4.28	---	8.6	7.7	---	8.3
DES MOINES	5.78	5.26	5.42	4.96	4.28	---	8.2	7.4	---	7.9
NEBRASKA - WESTERN IOWA 20/	5.93	5.65	5.96	5.63	4.43	4.28	8.6	7.7	7.7	8.3
MINNESOTA - NORTH DAKOTA 28/	5.39	---	4.92	---	4.28	---	8.2	7.7	---	7.9
AVERAGE 2/	5.56	5.07	5.14	4.70	---	---	8.4	---	---	8.1

CONTINUED

TABLE 1--FEDERAL ORDER MINIMUM CLASS AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.O.B. MARKET OR OTHER INDICATED POINT* AND BUTTERFAT DIFFERENTIALS, OCTOBER** -CON.

MARKETING AREA	PRICES PER 100 POUNDS						FAT DIFFERENTIAL 0.1%			
	CLASS I		BLEND		CLASS II	CLASS III	CLASS I	CLASS II	CLASS III	BLEND
	OCT 1968	OCT 1967	OCT 1968	OCT 1967	OCTOBER 1968		OCTOBER 1968			
	DOLLARS						CENTS			
WEST NORTH CENTRAL -CON.										
SOUTHERN GROUP										
ST LOUIS - OZARKS 29/	5.93	5.34	5.86	5.11	4.28	---	8.2	7.7	---	8.0
KANSAS CITY 30/	6.07	5.40	5.53	4.96	4.38	4.23	8.2	7.7	7.7	7.1
NEOSHO VALLEY 31/	5.98	5.59	5.30	5.07	4.17	---	8.6	7.7	---	8.1
WICHITA 20/	6.13	5.85	5.69	5.69	4.38	4.23	8.2	7.7	7.7	8.0
AVERAGE 2/	6.01	5.46	5.69	5.13	---	---	8.2	---	---	7.7
EAST SOUTH CENTRAL										
PADUCAH	6.18	5.66	6.65	6.04	4.28	---	8.2	7.7	---	7.0
NASHVILLE	5.91	5.49	5.70	5.21	4.28	---	8.2	7.7	---	8.0
MEMPHIS	6.27	6.18	26/ 6.09	26/ 5.98	4.28	---	8.2	7.7	---	7.0
KNOXVILLE	5.97	5.25	5.69	4.94	4.28	---	8.2	7.7	---	8.0
CHATTANOOGA	6.68	5.98	6.31	5.63	4.28	---	8.2	7.7	---	8.0
MISSISSIPPI 32/	6.80	6.52	6.16	5.83	3.83	---	8.2	7.4	---	8.0
AVERAGE 2/	6.30	5.87	6.02	5.55	---	---	8.2	---	---	7.8
WEST SOUTH CENTRAL										
NORTHERN GROUP										
CENTRAL ARKANSAS 33/	6.27	6.18	6.07	6.23	4.28	---	8.2	7.7	---	8.1
FORT SMITH	6.28	6.19	26/ 6.08	26/ 5.96	4.28	---	8.6	7.7	---	8.1
OKLAHOMA METROPOLITAN 34/	6.31	6.03	5.84	5.22	4.13	---	8.6	7.7	---	8.1
RED RIVER VALLEY 35/	6.53	6.25	5.63	5.36	4.13	---	8.6	7.7	---	8.2
TEXAS PANHANDLE 36/	6.58	6.30	5.97	5.57	4.14	---	8.2	7.4	---	8.0
LUBBOCK - PLAINVIEW	6.75	6.47	6.38	5.84	4.12	---	8.6	7.7	---	8.4
AVERAGE 2/	6.38	6.17	5.91	5.52	---	---	8.4	---	---	8.1
SOUTHERN GROUP										
NORTHERN LOUISIANA 37/	6.80	6.52	6.61	6.23	4.23	---	8.2	7.4	---	8.1
NEW ORLEANS	7.18	6.90	6.32	6.19	3.83	---	8.2	7.4	---	8.0
NORTH TEXAS 38/	6.65	6.37	6.24	5.52	4.12	---	8.6	7.7	---	8.4
CENTRAL WEST TEXAS 39/	6.90	6.62	6.63	6.12	4.12	---	8.6	7.7	---	8.1
AUSTIN - WACO 40/	7.03	6.75	26/ 6.60	26/ 6.40	4.14	---	8.2	7.4	---	7.4
SAN ANTONIO	7.07	6.79	6.44	6.15	41/ 4.06	---	8.6	7.3	---	7.4
CORPUS CHRISTI 42/	7.40	7.12	26/ 7.05	26/ 6.85	4.14	---	8.2	7.4	---	8.0
SOUTH TEXAS 43/	7.01	---	6.81	---	4.23	---	8.6	7.7	---	8.5
AVERAGE 2/	6.89	6.63	6.41	5.94	---	---	8.4	---	---	8.1
MOUNTAIN										
EASTERN COLORADO 44/	6.57	6.29	6.09	5.80	4.43	4.28	8.9	8.1	8.1	8.6
GREAT BASIN 45/	6.40	6.14	5.63	5.30	4.19	4.04	9.3	7.7	7.7	8.6
WESTERN COLORADO 46/	6.52	6.24	6.01	5.71	4.33	4.23	8.9	8.1	8.1	8.7
CENTRAL ARIZONA 47/	6.83	6.43	6.44	6.01	4.38	4.13	9.3	7.7	7.7	8.8
RIO GRANDE VALLEY 48/	6.68	6.34	5.81	5.81	49/ 4.12	---	8.6	7.7	---	8.3
AVERAGE 2/	6.63	6.31	6.03	5.75	---	---	9.0	---	---	8.6
PACIFIC										
PUGET SOUND 50/	6.18	5.90	5.35	4.98	4.48	4.23	8.6	8.1	8.1	8.3
INLAND EMPIRE 51/	6.31	6.03	5.92	5.72	4.32	4.07	8.4	7.7	7.7	8.1
AVERAGE 2/	6.20	5.92	5.43	5.08	---	---	8.6	---	---	8.3
60-MARKET AVERAGE 2/	6.44	5.96	6.00	5.55	---	---	8.3	---	---	8.1
ALL-MARKET AVERAGE	6.36	5.88	5.91	5.44	---	---	8.3	---	---	8.1

* Major city in the marketing area. ** All averages are weighted.

1/ 201-210 mile zone. Boston nearby plant Class I price, 1968, \$7.31; and 1967, \$6.82. 2/ Markets under regulation on January 1, 1967, and which have had no significant marketing area expansions. Exclude Massachusetts-R.I.-N.H., Eastern Ohio-Western Pa., Chicago Regional, Nebraska-Western Iowa, Minnesota-North Dakota, North Texas, and South Texas. 3/ 201-210 mile zone. New York metropolitan area Class I price, 1968, \$6.97; and 1967, \$6.35. 4/ Philadelphia. 5/ Baltimore. Blend price does not include non-complying handlers. 6/ Charleston-Huntington, West Virginia. 7/ Bristol, Tennessee. 8/ Miami. Class IV price, \$3.08. 9/ Jacksonville and Tallahassee. 10/ Traverse City. 11/ Detroit. 12/ Toledo. 13/ Merger of Northeastern Ohio, Youngstown-Warren, and Wheeling effective July 1, 1968. 14/ Cleveland-Erie district. 15/ Weighted average of combined markets. 16/ Dayton. Class II price, plus 20 cents for skim milk used to produce cottage cheese. 17/ Zone II (Marquette). 18/ Weighted average of all handlers' blend prices at all locations. 19/ Merger of Northeastern Wisconsin, Milwaukee, Rock River Valley, Northwestern Indiana, and Madison effective July 1, 1968. 20/ Zone I. 21/ Base zone. 22/ Peoria. 23/ Sioux Falls. 24/ Rapid City, South Dakota. 25/ Zone I (Waterloo). 26/ Weighted average of all handlers' blend prices. 27/ Rock Island, Illinois. 28/ Base zone (Fargo). 29/ Zone I (St. Louis). 30/ Kansas City and Topeka. 31/ Pittsburg, Kansas. 32/ Gulfport. Class I and blend price at (Jackson and Greenville 16¢ less). 33/ Little Rock. 34/ Oklahoma City. 35/ Wichita Falls, Texas. 36/ Amarillo. 37/ Monroe and Shreveport. 38/ Zone I (Dallas). 39/ Abilene. Class II (Cheddar cheese) \$3.68. 40/ Zone I-New Braunfels, Texas. 41/ Class II (Cheddar cheese) \$3.70. 42/ Mercedes. Class II price, plus 25 cents for skim milk used to produce cottage cheese. 43/ Houston. 44/ Denver. 45/ Salt Lake City, Utah. 46/ Grand Junction. 47/ Phoenix. 48/ Albuquerque, Santa Fe, and El Paso. 49/ \$1.43 credit on Class II skim milk dumped or disposed of as livestock feed; \$1.28 credit on skim milk used to produce condensed skim milk and on milk or skim milk transferred or diverted as Class II milk to a nonpool plant outside the marketing area. 50/ District I (Seattle). 51/ Spokane, Washington.

TABLE 2.--FEDERAL ORDER MINIMUM CLASS I AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.O.B. MARKET OR OTHER INDICATED POINT, JANUARY - OCTOBER, AVERAGES 1/

MARKETING AREA	CLASS I*			BLEND*		
	1968	1967	CHANGE OVER 1967	1968	1967	CHANGE OVER 1967
DOLLARS PER 100 POUNDS						
NEW ENGLAND						
MASSACHUSETTS-R.I.-N.H.	6.60	6.31	0.29	5.48	5.16	0.32
CONNECTICUT	6.99	6.78	.21	6.35	6.14	.21
AVERAGE 2/	6.99	6.78	.21	6.35	6.14	.21
MIDDLE ATLANTIC						
NEW YORK-NEW JERSEY	6.36	5.99	.37	5.30	4.96	.34
DELAWARE VALLEY	6.85	6.51	.34	6.12	5.99	.13
AVERAGE 2/	6.47	6.10	.37	5.45	5.11	.34
SOUTH ATLANTIC						
UPPER CHESAPEAKE BAY	6.76	6.41	.35	5.94	5.64	.30
WASHINGTON, D.C.	6.75	6.44	.31	6.08	5.79	.29
CLARKSBURG	6.28	5.99	.29	5.84	5.46	.38
TRI-STATE	5.92	5.82	.10	5.45	5.43	.02
APPALACHIAN	6.35	6.14	.21	6.10	5.81	.29
TAMPA BAY	7.07	7.05	.02	6.49	6.24	.25
SOUTHEASTERN FLORIDA	7.28	7.17	.11	6.91	6.79	.12
UPPER FLORIDA	6.98	6.89	.09	6.72	6.49	.23
AVERAGE 2/	6.76	6.55	.21	6.20	5.97	.23
EAST NORTH CENTRAL						
EASTERN GROUP						
UPSTATE MICHIGAN	5.72	5.45	.27	5.35	4.92	.43
SOUTHERN MICHIGAN	5.69	5.23	.46	5.19	4.79	.40
NORTHWESTERN OHIO	5.80	5.55	.25	5.28	5.08	.20
EASTERN CHIC-WESTERN PA.	6.03	5.74	.29	5.38	5.14	.24
COLUMBUS	5.78	5.69	.09	5.30	5.20	.10
MIAMI VALLEY	5.97	5.63	.34	5.52	5.17	.35
CINCINNATI	6.07	5.74	.33	5.49	5.09	.40
AVERAGE 2/	5.78	5.41	.37	5.27	4.92	.35
WESTERN GROUP						
MICHIGAN UPPER PENINSULA	5.42	5.11	.31	5.02	4.75	.27
CHICAGO REGIONAL	5.24	4.85	.39	4.74	4.46	.28
FORT WAYNE	5.65	5.45	.20	5.18	4.97	.21
LSVILLE-LXGTON-EVNSVILLE	5.86	5.64	.22	5.30	5.06	.24
INDIANAPOLIS	5.72	5.51	.21	5.27	5.02	.25
SOUTHERN ILLINOIS	5.59	5.26	.33	5.15	4.88	.27
CENTRAL ILLINOIS	5.45	5.14	.31	4.89	4.72	.17
AVERAGE 2/	5.70	5.44	.26	5.20	4.96	.24
WEST NORTH CENTRAL						
NORTHERN GROUP						
DULUTH - SUPERIOR	5.32	5.08	.24	4.56	4.36	.20
MINNEAPOLIS - ST. PAUL	5.13	4.85	.28	4.67	4.46	.21
EASTERN SOUTH DAKOTA	5.63	5.40	.23	5.08	4.90	.18
BLACK HILLS	6.55	6.38	.17	5.02	5.06	.04-
NORTH CENTRAL IOWA	5.29	5.00	.29	4.99	4.84	.15
CEDAR RAPIDS - IOWA CITY	5.36	5.04	.32	4.79	4.62	.17
QUAO CITIES - OUBUQUE	5.36	5.05	.31	4.91	4.64	.27
DES MOINES	5.53	5.20	.33	5.09	4.86	.23
NEBRASKA - WESTERN IOWA	5.83	5.63	.20	5.22	5.06	.16
MINNESOTA - NORTH DAKOTA	5.28	---	---	4.61	---	---
AVERAGE 2/	5.32	5.03	.29	4.81	4.60	.21

CONTINUED

TABLE 2--FEDERAL ORDER MINIMUM CLASS I AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.O.B. MARKET OR OTHER INDICATED POINT, JANUARY - OCTOBER, AVERAGES 1/ -CON.

MARKETING AREA	CLASS I*			BLEND*		
	1968	1967	CHANGE	1968	1967	CHANGE
			1968 OVER 1967			1968 OVER 1967
DOLLARS PER 100 POUNDS						
WEST NORTH CENTRAL -CON.						
SOUTHERN GROUP						
ST LOUIS - CZARKS	5.62	5.26	0.36	5.08	4.80	0.28
KANSAS CITY	5.75	5.47	.28	5.24	5.00	.24
NEOSHO VALLEY	5.77	5.57	.20	5.05	4.78	.27
WICHITA	6.01	5.83	.18	5.42	5.25	.17
AVERAGE 2/	5.73	5.43	.30	5.18	4.93	.25
EAST SOUTH CENTRAL						
PAOUCAH	5.92	5.50	.42	5.58	5.08	.50
NASHVILLE	5.78	5.52	.26	5.39	5.08	.31
MEMPHIS	6.19	6.14	.05	6.00	5.93	.07
KNOXVILLE	5.68	5.34	.34	5.28	4.80	.48
CHATTANOOGA	6.45	6.07	.38	5.93	5.50	.43
MISSISSIPPI	6.69	6.52	.17	5.81	5.66	.15
AVERAGE 2/	6.13	5.90	.23	5.65	5.36	.29
WEST SOUTH CENTRAL						
NORTHERN GROUP						
CENTRAL ARKANSAS	6.20	6.14	.06	6.08	5.99	.09
FORT SMITH	6.20	6.17	.03	5.95	5.91	.04
OKLAHOMA METROPOLITAN	6.19	6.01	.18	5.26	5.22	.04
RED RIVER VALLEY	6.42	6.23	.19	5.43	5.44	.01-
TEXAS PANHANDLE	6.47	6.27	.20	5.74	5.64	.10
LUBBOCK - PLAINVIEW	6.63	6.42	.21	6.03	5.71	.32
AVERAGE 2/	6.28	6.14	.14	5.53	5.49	.04
SOUTHERN GROUP						
NORTHERN LOUISIANA	6.68	6.50	.18	6.33	6.02	.31
NEW ORLEANS	7.07	6.57	.50	6.03	5.58	.45
NORTH TEXAS	6.54	6.32	.22	5.60	5.38	.22
CENTRAL WEST TEXAS	6.78	6.57	.21	6.19	6.08	.11
AUSTIN - WACC	6.92	6.69	.23	6.63	6.38	.25
SAN ANTONIO	6.95	6.74	.21	5.89	5.92	.03-
CORPUS CHRISTI	7.28	7.08	.20	6.78	6.66	.12
SOUTH TEXAS	7.01	---	---	6.81	---	---
AVERAGE 2/	6.96	6.67	.29	6.20	5.98	.22
MOUNTAIN						
EASTERN COLORADO	6.49	6.22	.27	5.84	5.61	.23
GREAT BASIN	6.41	6.17	.24	5.43	5.17	.26
WESTERN COLORADO	6.42	6.17	.25	5.71	5.41	.30
CENTRAL ARIZONA	6.68	6.45	.23	6.16	5.78	.38
RIO GRANDE VALLEY	6.55	6.31	.24	5.57	5.65	.08-
AVERAGE 2/	6.54	6.29	.25	5.78	5.56	.22
PACIFIC						
PUGET SOUND	6.07	5.88	.19	5.16	4.92	.24
INLAND EMPIRE	6.19	5.95	.24	5.40	5.16	.24
AVERAGE 2/	6.09	5.89	.20	5.19	4.95	.24
60- MARKET AVERAGE 2/	6.21	5.92	.29	5.48	5.21	.27
ALL-MARKET AVERAGE	6.13	5.85	.28	5.39	5.13	.26

* All prices are weighted.

1/ See footnotes on table 1 for location at which price is reported.

2/ Markets under regulation on January 1, 1967, and which have had no significant marketing area expansions. Excludes Massachusetts-R.I.-N.H., Eastern Ohio-Western Pennsylvania, Chicago Regional, Nebraska-Western Iowa, Minnesota-North Dakota, North Texas, and South Texas.

TABLE 3.—NUMBER OF PRODUCERS DELIVERING MILK TO HANDLERS REGULATED UNDER FEDERAL ORDERS, TOTAL DELIVERIES, AND AVERAGE DAILY DELIVERIES PER PRODUCER, OCTOBER

MARKETING AREA	NUMBER OF PRODUCERS		PRODUCER DELIVERIES			AVERAGE BUTTERFAT PERCENTAGE OF MILK DELIVERIES		AVERAGE DAILY DELIVERIES PER PRODUCER	
	OCT 1968	CHANGE FROM OCT 1967	OCT 1968	OCT 1967	CHANGE FROM OCT 1967	OCT 1968	OCT 1967	OCT 1968	OCT 1967
	NUMBER		1,000 LBS.		PERCENT	PERCENT		POUNDS	
NEW ENGLAND									
MASSACHUSETTS-R.I.-N.H.	3,577	104	278,583	257,568	8.2	3.79	3.84	1,048	981
CONNECTICUT	1,929	-117	93,897	92,192	1.8	3.65	3.70	1,570	1,454
AVERAGE OR TOTAL 1/	1,929	-117	93,897	92,192	1.8	3.65	3.70	1,570	1,454
MIDDLE ATLANTIC									
NEW YORK-NEW JERSEY	29,781	-2,423	794,571	795,196	-.1	3.64	3.69	861	797
DELAWARE VALLEY	5,007	200	184,320	165,434	11.4	3.65	3.70	1,187	1,110
AVERAGE OR TOTAL 1/	34,788	-2,223	978,891	960,630	1.9	3.64	3.69	968	837
SOUTH ATLANTIC									
UPPER CHESAPEAKE BAY	1,974	-38	75,589	70,142	7.8	3.67	3.73	1,232	1,125
WASHINGTON, D.C.	1,785	57	93,433	86,105	8.5	3.70	3.71	1,688	1,637
CLARKSBURG	159	-109	5,158	7,178	-28.1	3.80	3.87	1,046	864
TRI-STATE	1,562	59	36,835	34,431	7.0	3.71	3.72	761	739
APPALACHIAN	746	-27	28,229	27,191	3.8	3.66	3.68	1,221	1,135
TAMPA BAY	129	-11	25,978	29,106	-11.0	3.77	3.87	6,479	6,707
SOUTHEASTERN FLORIDA	89	-1	46,398	47,925	-3.2	3.84	3.87	16,817	17,177
UPPER FLORIDA	189	-18	34,523	34,673	11.1	3.88	3.98	6,575	5,433
AVERAGE OR TOTAL 1/	5,633	-88	350,043	336,751	3.9	3.74	3.78	1,702	1,616
EAST NORTH CENTRAL									
EASTERN GROUP									
UPSTATE MICHIGAN	41	-7	1,225	1,189	3.0	3.55	3.60	963	799
SOUTHERN MICHIGAN	9,439	-671	303,158	300,695	.8	3.59	3.66	1,036	959
NORTHWESTERN OHIO	1,490	44	42,540	42,374	.4	3.72	3.77	921	945
EASTERN OHIO-WESTERN PA.	10,420	3,767	257,548	166,400	54.8	3.71	3.75	797	807
COLUMBUS	1,622	45	44,647	43,425	2.8	3.71	3.79	888	888
MIAMI VALLEY	1,357	-21	38,199	37,286	2.4	3.70	3.79	908	873
CINCINNATI	2,658	-163	58,554	55,750	5.0	3.68	3.73	711	638
AVERAGE OR TOTAL 1/	16,607	-773	488,323	480,719	1.6	3.63	3.70	948	892
WESTERN GROUP									
MICHIGAN UPPER PENINSULA	394	-34	8,967	8,907	.7	3.76	3.76	734	671
CHICAGO REGIONAL	16,930	3,220	535,129	428,293	24.9	3.73	3.75	1,020	1,008
FORT WAYNE	936	95	24,136	21,741	11.0	3.73	3.82	832	834
LSVILLE-LXGTON-EVANSVILLE	3,019	-73	82,673	80,999	2.1	3.74	3.78	883	845
INDIANAPOLIS	2,958	267	83,622	71,792	16.5	3.72	3.79	912	861
SOUTHERN ILLINOIS	2,359	-41	63,540	60,133	5.7	3.70	3.72	869	808
CENTRAL ILLINOIS	794	23	21,212	20,741	2.3	3.74	3.76	862	868
AVERAGE OR TOTAL 1/	12,460	237	284,152	264,313	7.5	3.72	3.77	876	834
WEST NORTH CENTRAL									
NORTHERN GROUP									
DULUTH - SUPERIOR	687	-43	13,429	13,358	.5	3.88	3.87	631	590
MINNEAPOLIS - ST. PAUL	4,140	-121	120,090	120,220	-.1	3.83	3.78	936	910
EASTERN SOUTH DAKOTA	387	-35	14,030	14,317	-2.0	3.66	3.56	1,169	1,094
BLACK HILLS	102	---	4,747	4,681	1.4	3.65	3.61	1,501	1,480
NORTH CENTRAL IOWA	849	-28	20,188	26,743	-24.5	3.78	3.66	995	984
CEDAR RAPIDS - IOWA CITY	385	39	10,409	8,903	16.9	3.71	3.65	1,002	970
QUAD CITIES - DUBUQUE	994	-3	31,223	32,630	-4.3	3.72	3.68	1,014	1,056
DES MOINES	1,185	159	34,200	29,318	16.6	3.72	3.65	1,027	1,007
NEBRASKA - WESTERN IOWA	1,726	123	64,702	56,447	14.6	3.67	3.67	1,202	1,136
MINNESOTA - NORTH DAKOTA	1,445	---	34,781	---	---	3.69	---	776	---
AVERAGE OR TOTAL 1/	8,729	18	248,316	250,170	-.7	3.78	3.72	918	926

CONTINUED

TABLE 3--NUMBER OF PRODUCERS DELIVERING MILK TO HANDLERS REGULATED UNDER FEDERAL ORDERS, TOTAL DELIVERIES, AND AVERAGE DAILY DELIVERIES PER PRODUCER, OCTOBER -CON.

MARKETING AREA	NUMBER OF PRODUCERS		PRODUCER DELIVERIES			AVERAGE BUTTERFAT PERCENTAGE OF MILK DELIVERIES		AVERAGE DAILY DELIVERIES PER PRODUCER	
	OCT 1968	CHANGE FROM OCT 1967	OCT 1968	OCT 1967	CHANGE FROM OCT 1967	OCT 1968	OCT 1967	OCT 1968	OCT 1967
	NUMBER		1,000 LBS.		PERCENT	PERCENT		POUNDS	
WEST NORTH CENTRAL -CON.									
SOUTHERN GROUP									
ST LOUIS - OZARKS	3,246	- 428	104,976	103,490	1.4	3.76	3.80	1,043	909
KANSAS CITY	2,253	- 37	87,696	85,193	2.9	3.64	3.62	1,256	1,200
NEOSHO VALLEY	303	- 49	9,374	7,626	22.9	3.61	3.65	1,120	962
WICHITA	903	- 58	33,661	31,242	7.7	3.66	3.62	1,224	1,202
AVERAGE OR TOTAL 1/	5,705	- 572	235,707	227,551	3.6	3.70	3.70	1,134	1,009
EAST SOUTH CENTRAL									
PADUCAH	356	- 15	10,586	10,993	-3.7	4.00	4.00	959	956
NASHVILLE	1,177	- 47	38,948	38,297	1.7	3.86	3.93	1,067	1,009
MEMPHIS	751	38	28,346	26,177	8.3	3.69	3.76	1,487	1,337
KNOXVILLE	703	- 96	23,432	24,700	-5.1	3.77	3.85	1,075	997
CHATTANOOGA	619	69	22,464	18,312	22.7	3.98	4.09	1,171	1,074
MISSISSIPPI	1,056	- 75	37,923	35,825	5.8	3.98	4.08	1,158	1,022
AVERAGE OR TOTAL 1/	4,662	- 126	161,699	154,394	4.8	3.87	3.95	1,119	1,040
WEST SOUTH CENTRAL									
NORTHERN GROUP									
CENTRAL ARKANSAS	848	176	27,371	19,645	39.3	3.72	3.77	1,238	1,199
FORT SMITH	170	23	3,925	3,767	4.2	3.80	3.80	1,301	1,231
OKLAHOMA METROPOLITAN	1,438	- 240	54,892	55,217	-4.6	3.66	3.71	1,231	1,061
RED RIVER VALLEY	453	39	18,474	18,985	-2.7	3.65	3.62	1,390	1,499
TEXAS PANHANDLE	285	- 161	13,331	20,417	-34.7	3.57	3.52	1,536	1,493
LUBBOCK - PLAINVIEW	156	49	6,756	7,639	-11.6	3.66	3.64	1,397	2,303
AVERAGE OR TOTAL 1/	3,345	- 114	124,749	125,670	-4.7	3.67	3.67	1,203	1,172
SOUTHERN GROUP									
NORTHERN LOUISIANA	323	- 19	17,430	17,256	1.0	4.02	4.05	1,741	1,628
NEW ORLEANS	1,328	49	41,963	37,156	12.9	3.94	4.10	1,019	937
NORTH TEXAS	1,752	- 120	88,933	94,790	-6.2	3.69	3.72	1,637	1,633
CENTRAL WEST TEXAS	276	- 23	15,091	15,903	-5.1	3.65	3.67	1,764	1,716
AUSTIN - WACO	271	68	12,226	12,121	.9	3.57	3.60	1,871	1,936
SAN ANTONIO	370	6	23,953	22,675	5.4	3.55	3.61	2,084	2,217
CORPUS CHRISTI	186	- 32	13,282	13,468	-1.4	4.06	4.14	2,342	2,013
SOUTH TEXAS	1,494	---	54,056	---	---	3.78	---	1,520	---
AVERAGE OR TOTAL 1/	2,754	49	123,895	118,579	4.5	3.82	3.89	1,451	1,414
MOUNTAIN									
EASTERN COLORADO	1,327	- 125	57,326	54,877	4.5	3.65	3.63	1,394	1,219
GREAT BASIN	918	- 27	35,381	35,471	-.2	3.67	3.68	1,243	1,211
WESTERN COLORADO	69	- 9	2,987	3,621	-17.5	3.79	3.65	1,396	1,497
CENTRAL ARIZONA	182	- 11	43,288	43,765	-1.1	3.58	3.55	7,672	7,315
RIO GRANDE VALLEY	296	57	32,125	27,497	16.8	3.53	3.56	4,766	3,992
AVERAGE OR TOTAL 1/	2,792	- 115	171,107	165,231	3.6	3.62	3.61	1,977	1,834
PACIFIC									
POGET SOUND	1,894	- 207	104,376	106,011	-1.5	3.88	3.87	1,778	1,628
INLAND EMPIRE	449	- 17	17,415	15,970	9.0	3.89	3.93	1,251	1,105
AVERAGE OR TOTAL 1/	2,343	- 224	121,791	121,981	-2.2	3.88	3.88	1,677	1,533
60-MARKET AVG. OR TOTAL 1/	101,747	-4,048	3,382,570	3,298,091	2.6	3.70	3.73	1,072	1,006
ALL-MARKET AVG. OR TOTAL	144,091	5,985	4,696,302	4,301,589	9.2	3.71	3.74	1,051	1,005

1/ Markets under regulation on January 1, 1967, and which have had no significant marketing area expansions. Excludes Massachusetts-R.I.-N.H., Eastern Ohio-Western Pennsylvania, Chicago Regional, Nebraska-Western Iowa, Minnesota-North Dakota, North Texas, and South Texas.

TABLE 4.--PRODUCER MILK DELIVERIES USED IN CLASS I AND GROSS CLASS I SALES BY HANDLERS REGULATED UNDER FEDERAL ORDERS, OCTOBER

MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS I			% USED IN CL. I		GROSS CLASS I		DELIVERIES AS % OF GR. CL. I	
	OCT 1968	OCT 1967	CHANGE FROM OCT 1967	OCT 1968	OCT 1967	OCT 1968	CHANGE FROM OCT 1967	OCT 1968	OCT 1967
	1,000 POUNDS		PERCENT	PERCENT		1,000 LBS	PERCENT	PERCENT	
NEW ENGLAND									
MASSACHUSETTS-R.I.-N.H.	191,442	171,154	11.8	69	66	195,304	11.8	143	148
CONNECTICUT	80,650	78,230	3.1	86	85	82,728	2.8	114	115
AVERAGE OR TOTAL 1/	80,650	78,200	3.1	86	85	---	---	---	---
MIDDLE ATLANTIC									
NEW YORK-NEW JERSEY	502,078	2/464,834	8.0	63	58	502,116	8.0	158	171
DELAWARE VALLEY	134,876	129,006	4.6	73	78	151,843	11.7	121	122
AVERAGE OR TOTAL 1/	636,954	593,840	7.3	65	62	---	---	---	---
SOUTH ATLANTIC									
UPPER CHESAPEAKE BAY	55,179	52,468	5.2	73	75	55,200	5.2	137	134
WASHINGTON, D.C.	71,971	68,847	4.5	77	80	72,245	4.8	129	125
CLARKSBURG	4,306	5,910	-27.1	83	82	4,307	-27.1	120	121
TRI-STATE	30,364	29,780	2.0	82	86	30,765	-8	120	111
APPALACHIAN	26,807	25,857	3.7	95	95	27,137	4.9	104	105
TAMPA BAY	22,610	23,200	-2.5	87	80	23,739	2.1	109	125
SOUTHEASTERN FLORIDA	42,523	41,344	2.8	92	86	43,296	4.7	107	116
UPPER FLORIDA	36,306	31,569	15.0	94	91	40,550	26.2	95	108
AVERAGE OR TOTAL 1/	290,066	278,975	4.0	83	83	---	---	---	---
EAST NORTH CENTRAL									
EASTERN GROUP									
UPSTATE MICHIGAN	985	1,064	-7.4	80	89	3,150	-1.9	39	37
SOUTHERN MICHIGAN	211,611	200,101	5.8	70	66	215,429	2.0	141	142
NORTHWESTERN OHIO	32,903	33,155	-.8	77	78	33,615	1.2	126	128
EASTERN OHIO-WESTERN PA.	203,500	124,433	63.5	79	75	204,559	62.6	126	132
COLUMBUS	38,646	36,981	4.5	86	85	39,426	5.7	113	116
MIAMI VALLEY	32,827	30,956	6.0	86	83	35,126	3.6	109	110
CINCINNATI	47,738	43,334	10.2	82	78	52,545	15.4	111	122
AVERAGE OR TOTAL 1/	364,710	345,591	5.5	75	72	---	---	---	---
WESTERN GROUP									
MICHIGAN UPPER PENINSULA	6,956	7,234	-3.8	78	81	7,254	-3.8	124	118
CHICAGO REGIONAL	350,383	273,882	27.9	65	64	353,447	25.1	151	152
FORT WAYNE	17,792	16,970	4.8	74	78	17,928	2.6	135	124
LSVILLE-LXGTON-EVNSVILLE	69,145	64,738	6.8	84	80	69,549	7.2	119	125
INDIANAPOLIS	69,188	58,850	17.6	83	82	75,128	19.4	111	114
SOUTHERN ILLINOIS	48,135	47,351	1.6	76	79	53,754	1.4	118	113
CENTRAL ILLINOIS	14,010	13,973	.3	66	67	16,507	1.7	128	128
AVERAGE OR TOTAL 1/	225,226	209,116	7.7	79	79	---	---	---	---
WEST NORTH CENTRAL									
NORTHERN GROUP									
DULUTH - SUPERIOR	8,074	7,307	10.5	60	55	8,245	11.7	163	181
MINNEAPOLIS - ST. PAUL	71,054	66,322	7.1	59	55	71,066	6.8	169	181
EASTERN SOUTH DAKOTA	10,420	10,498	-.7	74	73	10,489	-.7	134	136
BLACK HILLS	1,768	2,743	-35.5	37	58	2,480	-9.6	191	171
NORTH CENTRAL IOWA	17,853	23,769	-24.9	88	89	18,235	-24.9	111	110
CEDAR RAPIDS - IOWA CITY	6,657	6,036	10.3	64	68	6,760	6.5	154	140
QUAD CITIES - DUBUQUE	22,987	22,052	4.2	74	68	23,078	4.0	135	147
DES MOINES	26,310	22,597	16.4	77	77	27,800	15.4	123	122
NEBRASKA - WESTERN IOWA	48,931	3/38,743	26.3	76	69	48,941	3/24.8	132	144
MINNESOTA - NORTH DAKOTA	17,988	---	---	52	---	19,191	---	181	---
AVERAGE OR TOTAL 1/	165,123	161,324	2.4	66	64	---	---	---	---

CONTINUED

TABLE 4.--PRODUCER MILK DELIVERIES USED IN CLASS I AND GROSS CLASS I SALES BY HANDLERS REGULATED UNDER FEDERAL ORDERS, OCTOBER -CON.

MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS I			% USED IN CL. I		GROSS CLASS I		DELIVERIES AS % OF GR. CL. I	
	OCT 1968	OCT 1967	CHANGE FROM OCT 1967	OCT 1968	OCT 1967	OCT 1968	CHANGE FROM OCT 1967	OCT 1968	OCT 1967
	1,000 POUNDS		PERCENT	PERCENT		1,000 LBS	PERCENT	PERCENT	
<u>WEST NORTH CENTRAL -CON.</u>									
<u>SOUTHERN GROUP</u>									
ST LOUIS - OZARKS	78,925	72,052	9.5	75	70	82,937	7.8	126	134
KANSAS CITY	60,667	58,959	2.9	69	69	61,312	3.2	143	143
NEOSHO VALLEY	5,940	5,188	14.5	63	68	6,978	6.3	134	116
WICHITA	25,815	28,740	-10.2	77	92	26,915	-9.6	125	105
AVERAGE OR TOTAL 1/	171,347	164,939	3.9	73	72	---	---	---	---
<u>EAST SOUTH CENTRAL</u>									
PADUCAH	9,792	9,917	-1.3	92	90	10,023	-.5	106	109
NASHVILLE	34,405	31,409	9.5	88	82	34,768	10.2	112	121
MEMPHIS	25,307	23,418	8.1	89	89	26,479	10.1	107	109
KNOXVILLE	19,885	19,157	3.8	85	78	20,416	4.8	115	127
CHATTANOOGA	19,152	15,307	25.1	85	84	25,559	43.8	88	103
MISSISSIPPI	29,563	26,532	11.4	78	74	32,302	11.3	117	123
AVERAGE OR TOTAL 1/	138,104	125,740	9.8	85	81	---	---	---	---
<u>WEST SOUTH CENTRAL</u>									
<u>NORTHERN GROUP</u>									
CENTRAL ARKANSAS	24,635	18,849	30.7	90	96	25,075	10.8	109	87
FORT SMITH	3,559	3,397	4.8	91	90	3,561	.9	110	107
OKLAHOMA METROPOLITAN	43,105	34,227	25.9	78	62	46,454	18.1	118	140
RED RIVER VALLEY	11,152	11,728	-4.9	60	62	12,056	-4.3	153	151
TEXAS PANHANDLE	10,337	14,392	-29.8	76	70	10,099	-29.8	132	142
LUBBOCK - PLAINVIEW	5,876	5,858	.3	87	77	6,274	6.5	108	130
AVERAGE OR TOTAL 1/	98,424	88,451	11.3	79	70	---	---	---	---
<u>SOUTHERN GROUP</u>									
NORTHERN LOUISIANA	16,062	15,350	4.6	92	89	17,286	5.3	101	105
NEW ORLEANS	31,011	28,763	7.8	74	77	31,135	8.0	135	129
NORTH TEXAS	75,553	64,046	18.0	85	68	78,382	18.2	113	143
CENTRAL WEST TEXAS	13,548	13,337	1.6	90	84	13,702	2.6	110	119
AUSTIN - WACO	10,968	10,669	2.8	90	88	11,038	2.2	111	112
SAN ANTONIO	19,046	18,165	4.8	80	80	26,680	10.4	90	94
CORPUS CHRISTI	12,174	12,414	-1.9	92	92	12,567	-.1	106	107
SOUTH TEXAS	51,205	---	---	95	---	58,186	---	93	---
AVERAGE OR TOTAL 1/	102,809	98,698	4.2	83	83	---	---	---	---
<u>MOUNTAIN</u>									
EASTERN COLORADO	45,044	42,332	6.4	78	77	47,028	5.5	122	123
GREAT BASIN	24,268	23,372	3.8	68	66	24,284	3.9	146	152
WESTERN COLORADO	2,315	2,816	-17.8	78	78	2,362	-16.3	126	128
CENTRAL ARIZONA	36,239	34,460	5.2	84	79	36,265	5.2	119	127
RIO GRANDE VALLEY	23,323	22,298	4.6	73	81	24,594	-.1	131	112
AVERAGE OR TOTAL 1/	131,189	125,278	4.7	77	76	---	---	---	---
<u>PACIFIC</u>									
PUGET SOUND	57,561	54,406	5.8	55	51	57,564	5.7	181	195
INLAND EMPIRE	11,967	11,443	4.6	69	72	11,977	4.6	145	140
AVERAGE OR TOTAL 1/	69,528	65,849	5.6	57	54	---	---	---	---
60-MARKET AVG. OR TOTAL 1/	2,474,130	2,336,001	5.9	73	71	4/2,519,808	6.0	134	139
ALL-MARKET AVG. OR TOTAL	3,413,132	3,008,259	13.4	73	70	4/3,442,511	13.4	136	142

1/ Markets under regulation on January 1, 1967, and which have had no significant marketing area expansions. Excludes Massachusetts-R.I.-N.H., Eastern Ohio-Western Pa., Chicago Regional, Nebraska-Western Iowa, Minnesota-North Dakota, North Texas, and South Texas.

2/ Class I plus Class II = 495,820 thousand pounds and utilization = 62% in 1967.

3/ Prior to merger with Sioux City, May 1, 1968.

4/ Adjusted for duplication due to intermarket transfer.

TABLE 5.--PRODUCER MILK DELIVERIES TO HANDLERS REGULATED UNDER FEDERAL ORDERS AND DELIVERIES USED IN CLASS I
JANUARY - OCTOBER 1/

MARKETING AREA	PRODUCER DELIVERIES			PRODUCER DELIVERIES USED IN CLASS I			% USED IN CL. I	
	1968	1967	CHANGE 1968 OVER 1967	1968	1967	CHANGE 1968 OVER 1967	1968	1967
	1,000 POUNDS		PERCENT	1,000 POUNDS		PERCENT	PERCENT	
NEW ENGLAND								
MASSACHUSETTS-R.I.-N.H.	2,918,756	2,711,847	7.3	1,792,090	1,608,232	11.1	61	59
CONNECTICUT	955,616	955,599	-.3	747,206	743,173	.2	78	78
TOTAL 2/	955,616	955,599	-.3	747,206	743,173	.2	78	78
MIDDLE ATLANTIC								
NEW YORK-NEW JERSEY	8,534,020	9,186,491	-7.4	3/4,441,504	3/4,461,919	-.8	52	48
DELAWARE VALLEY	1,909,880	1,600,629	18.9	1,352,743	1,252,626	7.6	71	78
TOTAL 2/	10,443,900	10,787,120	-3.5	5,794,247	5,714,545	1.0	55	53
SOUTH ATLANTIC								
UPPER CHESAPEAKE BAY	719,634	723,175	-.8	495,426	500,786	-1.4	69	69
WASHINGTON,D.C.	897,674	873,262	2.5	667,044	649,259	2.4	74	74
CLARKSBURG	67,456	71,595	-6.1	54,103	54,203	-.5	80	76
TRI-STATE	351,746	358,169	-2.1	264,099	285,488	-7.8	75	80
APPALACHIAN	280,596	260,761	7.3	255,499	230,886	10.3	91	88
TAMPA BAY	293,663	341,697	-14.4	226,205	241,440	-6.7	77	71
SOUTHEASTERN FLORIDA	479,205	471,115	1.4	413,571	405,586	1.6	86	86
UPPER FLORIDA	379,812	365,950	3.4	336,060	307,767	8.8	88	84
TOTAL 2/	3,469,786	3,465,724	-.2	2,712,007	2,675,415	1.0	78	77
EAST NORTH CENTRAL								
EASTERN GROUP								
UPSTATE MICHIGAN	13,141	24,431	-46.4	10,180	16,203	-37.4	77	66
SOUTHERN MICHIGAN	2,943,957	2,930,201	.1	1,983,387	1,913,969	3.3	67	65
NORTHWESTERN CHIC	448,644	468,452	-4.5	312,233	333,816	-6.8	70	71
EASTERN CHIC-WESTERN PA.	2,198,080	1,807,189	21.3	1,462,926	1,209,053	20.7	66	67
COLUMBUS	469,919	452,816	3.4	356,843	348,549	2.0	76	77
MIAMI VALLEY	384,084	381,353	.4	301,157	295,165	1.7	78	77
CINCINNATI	592,498	606,860	-2.7	434,131	408,479	5.9	73	67
TOTAL 2/	4,852,243	4,864,113	-.6	3,397,931	3,316,181	2.1	70	68
WESTERN GROUP								
MICHIGAN UPPER PENINSULA	94,505	99,113	-4.9	68,074	71,932	-5.7	72	72
CHICAGO REGIONAL	5,222,446	4,344,916	19.8	2,802,311	2,436,212	14.7	54	56
FORT WAYNE	240,118	226,757	5.5	171,922	159,535	7.4	72	70
LSVILLE-LXGTEN-EVNSVILLE	838,754	810,767	3.1	612,385	586,232	4.1	73	72
INDIANAPOLIS	795,477	755,084	5.0	611,016	572,398	6.4	77	76
SOUTHERN ILLINOIS	647,074	669,452	-3.6	449,660	461,938	-3.0	69	69
CENTRAL ILLINOIS	225,302	218,003	3.0	132,647	142,870	-7.5	59	66
TOTAL 2/	2,841,230	2,779,176	1.9	2,045,704	1,994,905	2.2	72	72
WEST NORTH CENTRAL								
NORTHERN GROUP								
DULUTH - SUPERIOR	147,573	138,471	6.2	72,024	69,168	3.8	49	50
MINNEAPOLIS - ST.PAUL	1,377,799	1,306,761	5.1	620,355	605,033	2.2	45	46
EASTERN SOUTH DAKOTA	149,280	154,415	-3.6	95,604	96,616	-1.4	64	62
BLACK HILLS	49,964	47,799	4.2	22,244	25,484	-13.0	44	53
NORTH CENTRAL ICWA	261,742	257,947	1.1	196,385	219,308	-10.8	75	85
CEDAR RAPIDS - ICWA CITY	109,056	119,387	-8.9	59,433	72,679	-18.5	54	61
QUAO CITIES - DUBUQUE	327,825	301,890	8.2	208,927	186,906	11.4	64	62
DES MOINES	342,800	298,909	14.3	233,814	212,406	9.7	68	71
NEBRASKA - WESTERN IDWA	641,107	564,952	13.1	416,512	4/358,225	15.9	65	63
MINNESOTA - NORTH DAKOTA	420,984	---	---	166,043	---	---	39	---
TOTAL 2/	2,766,039	2,625,579	5.0	1,508,786	1,487,600	1.1	54	57

CONTINUED

TABLE 5.--PRODUCER MILK DELIVERIES TO HANDLERS REGULATED UNDER FEDERAL ORDERS AND DELIVERIES USED IN CLASS I
JANUARY - OCTOBER 1/ -CON.

MARKETING AREA	PRODUCER DELIVERIES			PRODUCER DELIVERIES USED IN CLASS I			% USED IN CL. I	
	1968	1967	CHANGE 1968 OVER 1967	1968	1967	CHANGE 1968 OVER 1967	1968	1967
	1,000 POUNDS	1,000 POUNDS	PERCENT	1,000 POUNDS	1,000 POUNDS	PERCENT	PERCENT	PERCENT
WEST NORTH CENTRAL -CON.								
SOUTHERN GROUP								
ST LOUIS - CZARKS	1,099,195	1,107,047	-1.0	706,280	698,798	0.7	64	63
KANSAS CITY	827,368	813,286	1.4	557,875	555,668	0	67	68
NEOSHO VALLEY	94,495	94,620	-.4	52,209	48,513	7.3	55	51
WICHITA	346,529	346,130	-.2	237,590	240,152	-1.4	68	69
TOTAL 2/	2,367,587	2,361,083	0	1,553,954	1,543,131	.4	66	65
EAST SOUTH CENTRAL								
PADUCAH	109,734	107,788	1.5	93,448	85,050	9.5	85	79
NASHVILLE	380,590	377,803	.4	295,330	275,571	6.8	78	73
MEMPHIS	255,541	242,564	5.0	227,689	215,562	5.3	89	89
KNOXVILLE	248,350	239,562	3.3	187,149	166,763	11.8	75	70
CHATTANOOGA	191,538	179,055	6.6	150,225	139,665	7.2	78	78
MISSISSIPPI	384,118	366,088	4.6	265,197	251,033	5.3	69	68
TOTAL 2/	1,569,871	1,512,860	3.4	1,219,038	1,133,644	7.2	78	75
WEST SOUTH CENTRAL								
NORTHERN GROUP								
CENTRAL ARKANSAS	218,045	203,180	7.0	200,879	184,722	8.4	92	91
FORT SMITH	34,885	35,883	-3.1	30,734	31,876	-3.9	88	89
OKLAHOMA METROPOLITAN	658,679	545,215	20.4	375,086	344,794	8.4	57	63
REO RIVER VALLEY	180,031	188,892	-5.0	102,458	123,691	-17.4	57	65
TEXAS PANHANDLE	122,261	151,528	-19.6	86,761	113,443	-23.8	71	75
LUBBOCK - PLAINVIEW	69,516	70,808	-2.2	54,389	52,167	3.9	78	74
TOTAL 2/	1,283,417	1,195,506	7.0	850,307	850,693	-.4	66	71
SOUTHERN GROUP								
NORTHERN LOUISIANA	172,614	176,076	-2.3	148,439	143,421	3.1	86	81
NEW ORLEANS	413,865	409,354	.8	281,451	269,510	4.1	68	66
NORTH TEXAS	984,303	969,776	1.2	633,794	618,813	2.1	64	64
CENTRAL WEST TEXAS	161,622	153,990	4.6	127,000	127,992	-1.1	78	83
AUSTIN - WACC	113,745	134,014	-15.4	103,625	118,635	-12.9	91	88
SAN ANTONIO	273,384	240,204	13.4	181,357	178,747	1.1	66	74
CORPUS CHRISTI	144,142	150,583	-4.6	122,649	131,474	-7.0	85	87
SOUTH TEXAS	54,056	---	---	51,205	---	---	95	---
TOTAL 2/	1,279,372	1,264,221	.6	964,521	969,779	-1.1	75	77
MOUNTAIN								
EASTERN COLORADO	580,350	560,670	3.2	414,395	395,547	4.4	71	70
GREAT BASIN	360,057	365,040	-1.7	219,300	216,832	.8	61	59
WESTERN COLORADO	34,858	39,917	-13.0	23,936	26,414	-9.7	69	66
CENTRAL ARIZONA	419,961	442,734	-5.5	340,463	328,830	3.2	81	74
RIO GRANDE VALLEY	306,072	262,313	16.3	212,942	202,440	4.8	70	77
TOTAL 2/	1,701,298	1,670,674	1.5	1,211,036	1,170,063	3.2	71	70
PACIFIC								
PUGET SOUND	1,055,558	1,077,987	-2.4	530,519	508,005	4.1	50	47
INLAND EMPIRE	167,264	162,265	2.8	108,435	105,079	2.8	65	65
TOTAL 2/	1,222,822	1,240,252	-1.7	638,954	613,084	3.9	52	49
60-MARKET TOTAL 2/	34,753,181	34,721,907	-.2	22,643,691	22,212,213	1.6	65	64
ALL-MARKET TOTAL	47,192,913	45,120,587	4.3	29,968,572	28,442,748	5.0	64	63

1/ Volumes include 29-day totals for February 1968. The percentage changes are based on adjusted 28-day totals for February 1968 to make them comparable to 1967.

2/ Markets under regulation on January 1, 1967, and which have had no significant marketing area expansions. Excludes Massachusetts-R.I.-N.H., Eastern Ohio-Western Pennsylvania, Chicago Regional, Nebraska-Western Iowa, Minnesota-North Dakota, North Texas, and South Texas.

3/ Class I plus Class II = 4,645,134 thousand pounds in 1968 and 4,789,862 thousand pounds in 1967; utilization = 54% in 1968 and 52% in 1967.

4/ Prior to merger with Sioux City, May 1, 1968.

TABLE 6. WHOLE MILK, SKIM MILK ITEMS, MILK AND CREAM MIXTURES, CREAM, AND TOTAL FLUID ITEMS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, SEPTEMBER 1968 WITH COMPARISONS

MARKETING AREA	WHOLE MILK 1/				SKIM MILK ITEMS 2/				MILK AND CREAM MIXTURES			
	SEPTEMBER 1968		CHANGE 1968 FROM 1967		SEPTEMBER 1968		CHANGE 1968 FROM 1967		SEPTEMBER 1968		CHANGE 1968 FROM 1967	
	DAILY AVG	BUTTER-FAT CONTENT	SEPT.	YEAR TC DATE 3/	DAILY AVG	BUTTER-FAT CCNTENT	SEPT.	YEAR TO DATE 3/	DAILY AVG	BUTTER-FAT CCNTENT	SEPT.	YEAR TO DATE 3/
	1,000 LB.		PERCENT		1,000 LB.		PERCENT		1,000 LB.		PERCENT	
NEW ENGLAND												
MASSACHUSETTS-RI-NH 4/	5,416	3.55	-4.9	-0.4	457.6	1.00	19.6	24.1	20.4	11.6	-17.7	-13.3
CONNECTICUT	2,263	3.46	-5.6	-1.9	207.9	1.14	21.0	16.9	21.8	10.9	-4.0	-1.2
MIDDLE ATLANTIC												
DELAWARE VALLEY	3,251	3.45	-8.6	-1.3	332.0	1.06	26.4	19.9	32.9	11.2	-11.0	1.1
SOUTH ATLANTIC												
UPPER CHESAPEAKE BAY	1,311	3.54	.9	-.2	127.1	1.13	18.3	25.0	14.8	11.8	-14.2	-10.4
WASHINGTON, D.C.	1,709	3.55	-6.5	-2.3	223.5	1.23	28.3	34.0	30.4	12.2	-10.6	-4.0
CLARKSBURG	197	3.52	2.2	5.0	14.4	1.46	8.1	11.1	2.0	11.9	-14.1	-.4
TRI-STATE	896	3.50	-.2	6.2	106.3	1.35	10.2	16.5	6.2	11.8	3.8	5.3
APPALACHIAN	319	3.53	4.6	9.7	48.1	.82	18.1	16.9	1.0	12.4	-9.2	10.9
TAMPA BAY	831	3.61	-3.0	4.4	135.9	.98	8.6	14.4	9.0	11.1	-4.5	2.8
SOUTHEASTERN FLORIDA	1,222	3.68	.6	2.9	198.7	.96	17.3	20.8	21.9	10.9	2.0	6.7
UPPER FLORIDA	1,154	3.62	-2.4	.8	148.9	1.02	7.7	12.2	6.2	11.4	-3.7	1.1
EAST NORTH CENTRAL												
EASTERN GROUP												
UPSTATE MICHIGAN	127	3.50	-3.8	1.8	18.1	1.18	26.0	23.5	2.2	11.1	-11.3	-4.7
SOUTHERN MICHIGAN	5,467	3.50	-7.4	-2.8	862.7	1.24	24.7	25.8	99.4	10.7	-14.5	-7.4
NORTHWESTERN OHIO	983	3.51	-9.0	-8.4	201.1	1.73	37.7	42.7	12.6	11.0	-17.3	-12.8
EASTERN OHIO-WESTERN PA. 5/	2,655	3.50	4.4	.3	397.4	1.38	38.6	21.6	42.9	10.6	21.3	4.5
COLUMBUS	879	3.51	-6.3	-2.5	125.7	1.39	24.9	20.9	10.2	10.8	-7.3	-10.4
MIAMI VALLEY 4/	625	3.51	-5.6	2.1	222.8	1.66	2.3	14.2	7.4	10.9	-21.4	-6.2
CINCINNATI	949	3.50	-4.1	-.8	235.0	1.55	.7	12.5	11.4	11.1	-8.2	-3.7
WESTERN GROUP												
MICH. UPPER PENINSULA	231	3.53	-8.1	-3.5	41.7	1.44	13.9	18.1	3.8	11.7	-10.5	-3.6
CHICAGO REGIONAL 6/	7,875	3.44	2.1	2.5	702.9	1.61	11.6	7.4	185.2	11.8	-14.8	-1.0
FORT WAYNE	328	3.39	-13.6	-10.8	145.9	1.90	8.4	17.6	5.3	11.2	-11.9	6.5
LOUIS.-LEX.-EVANS	1,471	3.40	-3.3	-.5	290.3	1.56	8.0	12.5	14.7	11.5	-12.3	-9.5
INDIANAPOLIS	1,429	3.36	-5.2	-5.1	608.3	1.75	10.1	21.8	22.2	11.4	-9.6	-.3
SOUTHERN ILLINOIS	1,131	3.28	-4.5	-1.2	377.4	1.90	6.7	16.2	22.5	11.3	-11.2	-2.4
CENTRAL ILLINOIS	388	3.30	.7	-3.9	131.6	1.64	20.3	22.8	8.9	11.1	-6.7	-5.9
WEST NORTH CENTRAL												
NORTHERN GROUP												
DULUTH - SUPERIOR	134	3.34	-11.9	-5.1	45.5	1.39	14.1	17.6	2.3	12.0	-10.9	-4.3
MINNEAPOLIS - ST. PAUL	975	3.31	-11.6	-6.2	595.1	1.54	8.2	14.8	22.7	10.6	-10.5	-6.3
EASTERN SOUTH DAKOTA	187	3.32	-4.4	-1.8	95.2	1.72	8.8	12.6	4.2	11.4	-10.5	-2.8
BLACK HILLS	56	3.36	-17.1	-5.0	22.6	1.74	18.0	27.0	1.2	12.7	-16.8	-6.6
NORTH CENTRAL ICWA	328	3.50	-4.5	5.7	135.0	1.62	11.3	18.1	7.3	11.7	-4.9	.5
CEAR RAPIDS-ICWA CITY	125	3.40	-5.2	-5.0	48.9	1.14	15.4	12.8	2.6	12.0	-6.8	-5.5
QUAO CITIES - DUBUQUE	380	3.42	-5.3	-4.7	120.6	1.43	6.8	13.8	7.9	12.0	-12.7	-8.2
DES MOINES	414	3.63	-10.4	-8.6	151.6	1.63	14.7	16.0	9.6	12.7	-7.9	-5.5
NEBRASKA-WESTERN IOWA 6/	1,041	3.38	-1.3	0	316.0	1.58	8.3	14.8	24.8	11.5	-13.0	-5.9

CONTINUED

TABLE 6.-WHOLE MILK, SKIM MILK ITEMS, MILK AND CREAM MIXTURES, CREAM, AND TOTAL FLUID ITEMS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, SEPTEMBER 1968 WITH COMPARISONS -CON.

MARKETING AREA	CREAM				TOTAL FLUID			
	SEPTEMBER 1968		CHANGE 1968 FROM 1967		SEPTEMBER 1968		CHANGE 1968 FROM 1967	
	DAILY AVERAGE	BUTTERFAT CONTENT	SEPTEMBER	YEAR TO DATE 3/	DAILY AVERAGE	BUTTERFAT CONTENT	SEPTEMBER	YEAR TO DATE 3/
	1,000 LB.		PERCENT		1,000 LB.		PERCENT	
<u>NEW ENGLAND</u>								
MASSACHUSETTS-RI-NH 4/	133.9	21.0	-10.9	-6.9	6,029	3.77	-3.6	0.8
CONNECTICUT	29.6	24.0	-14.5	-7.4	2,522	3.58	-4.0	-.8
<u>MIDDLE ATLANTIC</u>								
DELAWARE VALLEY	23.2	22.2	-17.1	-13.9	3,639	3.43	-6.3	.1
<u>SOUTH ATLANTIC</u>								
UPPER CHESAPEAKE BAY	3.4	23.5	-15.6	-11.9	1,457	3.46	2.0	1.4
WASHINGTON, D.C.	18.3	20.9	-.6	-6.1	1,981	3.59	-3.6	.6
CLARKSBURG	.2	19.6	-18.0	-2.5	214	3.47	2.3	5.4
TRI-STATE	.7	18.7	17.4	7.8	1,009	3.34	.8	7.2
APPALACHIAN	.4	23.1	-30.4	-19.7	369	3.22	6.1	10.5
TAMPA BAY	3.3	23.4	-7.3	1.0	979	3.38	-1.6	5.6
SOUTHEASTERN FLORIDA	9.6	22.3	-2.7	-2.8	1,452	3.54	2.6	5.0
UPPER FLORIDA	3.4	23.4	-6.9	-5.9	1,313	3.42	-1.3	2.0
<u>EAST NORTH CENTRAL</u>								
<u>EASTERN GROUP</u>								
UPSTATE MICHIGAN	.5	26.8	-18.8	-16.8	148	3.41	-1.1	3.7
SOUTHERN MICHIGAN	42.6	19.9	1.7	.7	6,471	3.42	-4.2	0
NORTHWESTERN OHIO	2.9	20.9	-11.1	-11.0	1,199	3.33	-3.6	-3.0
EASTERN OHIO-WESTERN PA. 5/	28.1	20.0	19.5	-2.8	3,123	3.48	8.1	2.5
COLUMBUS	3.4	20.0	11.6	3.1	1,023	3.37	-3.2	-.2
MIAMI VALLEY 4/	2.1	20.9	-27.6	-25.2	857	3.13	-3.9	4.9
CINCINNATI	3.2	21.8	-13.0	-7.1	1,203	3.23	-3.2	1.7
<u>WESTERN GROUP</u>								
MICH. UPPER PENINSULA	1.0	25.9	-15.1	-9.3	277	3.41	-5.4	-.9
CHICAGO REGIONAL 6/	66.2	20.1	-13.2	.5	9,830	3.39	3.1	3.2
FORT WAYNE	1.0	24.6	-24.8	-15.4	480	3.07	-8.0	-3.6
LOUIS.-LEX.-EVANS	3.7	23.7	-9.7	-12.0	1,779	3.21	-1.7	1.4
INDIANAPOLIS	7.6	19.2	25.2	3.0	2,067	3.03	-1.1	1.8
SOUTHERN ILLINOIS	5.2	19.6	-.1	2.4	1,536	3.11	-2.1	2.6
CENTRAL ILLINOIS	2.2	17.5	-18.4	30.7	530	3.07	4.7	1.4
<u>WEST NORTH CENTRAL</u>								
<u>NORTHERN GROUP</u>								
DOULUTH - SUPERIOR	1.5	27.8	-9.7	-2.4	188	3.13	-6.2	-.3
MINNEAPOLIS - ST. PAUL	13.4	24.3	-7.7	-3.8	1,606	2.93	-5.1	.5
EASTERN SOUTH DAKOTA	1.5	25.1	-6.0	-6.5	292	3.00	-.4	2.6
BLACK HILLS	.4	22.3	2.7	9.8	80	3.14	-9.3	1.6
NORTH CENTRAL IOWA	1.5	24.8	.5	3.7	471	3.15	-.4	8.8
CEGAR RAPIDS-ICWA CITY	.7	20.7	-6.2	-.8	177	2.97	-.3	-.7
QUAD CITIES - CUBLEQUE	1.7	21.9	-16.8	1.3	511	3.14	-2.9	-.9
DES MOINES	2.1	24.4	-46.7	-36.7	577	3.33	-5.2	-3.5
NEBRASKA-WESTERN IOWA 6/	5.6	21.9	-20.3	-2.7	1,388	3.19	.4	2.9

CONTINUED

TABLE 6-WHOLE MILK, SKIM MILK ITEMS, MILK AND CREAM MIXTURES, CREAM, AND TOTAL FLUID ITEMS SOLD IN MARKETING AREAS
DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, SEPTEMBER 1968 WITH COMPARISONS -CON.

MARKETING AREA	WHOLE MILK 1/				SKIM MILK ITEMS 2/				MILK AND CREAM MIXTURES			
	SEPTEMBER 1968		CHANGE 1968 FROM 1967		SEPTEMBER 1968		CHANGE 1968 FROM 1967		SEPTEMBER 1968		CHANGE 1968 FROM 1967	
	DAILY AVG	BUTTER-FAT CONTENT	SEPT.	YEAR TC DATE 3/	DAILY AVG	BUTTER-FAT CONTENT	SEPT.	YEAR TC DATE 3/	DAILY AVG	BUTTER-FAT CONTENT	SEPT.	YEAR TC DATE 3/
	1,000 LB.		PERCENT		1,000 LB.		PERCENT		1,000 LB.		PERCENT	
<u>WEST NORTH CENTRAL -CON.</u>												
<u>SOUTHERN GROUP</u>												
ST. LOUIS	1,057	3.34	-9.3	-5.0	391.3	1.82	7.2	13.4	14.6	11.9	-7.5	-6.2
OZARKS	380	3.35	-1.9	.4	63.8	1.78	14.4	23.9	4.7	12.1	-4.8	-2.0
KANSAS CITY	1,195	3.35	-5.7	-3.6	357.3	1.65	9.5	17.2	20.3	11.3	-11.6	-4.3
NECSHO VALLEY	177	3.35	-3.5	2.2	36.9	1.55	7.3	13.7	3.5	11.8	1.3	.5
WICHITA	424	3.30	-13.3	-7.1	141.7	1.77	15.1	25.0	8.4	11.0	-.1	-2.7
<u>EAST SOUTH CENTRAL</u>												
PADUCAH	203	3.48	-1.5	3.5	32.6	1.34	5.3	11.7	.9	12.0	-12.0	-1.8
NASHVILLE	816	3.50	-3.4	1.8	136.9	.83	3.7	13.4	4.0	12.4	-12.2	-3.4
MEMPHIS	477	3.54	-10.6	1.1	91.8	1.19	5.5	15.8	4.6	12.2	-12.2	-.7
KNOXVILLE 4/	451	3.62	.6	4.0	107.1	1.07	21.2	16.0	1.8	12.7	-5.1	3.9
CHATTANOOGA 7/	230	3.94	4.1	.5	85.5	1.35	17.6	13.4	1.1	12.1	-1.3	-3.5
MISSISSIPPI	713	3.84	3.7	6.6	108.4	1.51	4.3	13.1	4.2	12.4	-6.2	-2.1
<u>WEST SOUTH CENTRAL</u>												
<u>NORTHERN GROUP</u>												
CENTRAL ARKANSAS	455	3.49	-1.2	-.1	76.6	1.51	10.9	11.7	3.6	11.7	-5.4	-6.8
OKLAHOMA METROPOLITAN	854	3.42	-5.7	-4.1	123.7	1.73	11.2	21.8	8.6	11.5	-18.2	-7.7
RED RIVER VALLEY	299	3.43	-12.8	-8.0	61.0	1.54	7.6	18.5	2.3	11.3	-14.1	-6.2
TEXAS PANHANDLE	228	3.41	-5.7	-8.2	34.0	1.58	26.0	16.5	2.4	11.9	3.1	-1.3
LUBBOCK - PLAINVIEW	188	3.43	-7.7	-7.7	30.6	1.70	-4.4	11.9	1.6	11.1	-13.7	-6.8
<u>SOUTHERN GROUP</u>												
NORTHERN LOUISIANA	322	3.86	0	3.7	53.5	1.72	-.7	6.6	1.9	11.3	-7.9	-6.8
NEW ORLEANS	662	3.87	-4.2	.2	84.1	1.60	10.9	12.4	7.1	12.7	-3.4	.7
NORTH TEXAS	1,296	3.41	2.9	4.5	374.9	1.37	-12.1	-5.4	16.3	11.3	-6.8	-2.1
CENTRAL WEST TEXAS	302	3.37	-3.6	-6.9	92.7	1.66	.5	7.9	3.5	12.1	-10.1	-5.1
AUSTIN - WACC	425	3.47	-4.2	-5.3	75.1	1.38	-5.0	8.8	4.0	12.2	-10.0	-6.4
SAN ANTONIO	488	3.45	1.3	-1.2	52.3	1.41	-2.5	-8.2	4.3	11.5	-4.0	-3.2
CORPUS CHRISTI	343	3.48	-.5	-3.6	43.7	1.53	-6.3	6.4	3.0	11.5	-4.0	-5.6
<u>MOUNTAIN</u>												
EASTERN COLORADO	1,064	3.36	-3.5	.8	266.5	1.57	14.4	15.1	20.5	11.7	-2.9	-3.0
GREAT BASIN	523	3.44	-5.8	-2.3	265.6	1.85	10.2	12.0	7.9	12.4	-8.4	-7.1
CENTRAL ARIZONA	776	3.48	-10.0	-6.5	272.6	.92	31.6	36.8	10.6	11.1	-7.5	-2.4
RIO GRANDE VALLEY	793	3.51	-8.5	-4.6	87.7	1.71	17.9	19.2	8.4	11.9	-5.9	-4.0
<u>PACIFIC</u>												
PUGET SOUND	1,197	3.52	-6.9	-1.2	502.3	1.81	14.6	20.6	25.4	12.0	-7.9	-2.6
INLAND EMPIRE	182	3.57	-13.6	-5.1	126.0	1.87	5.8	7.2	5.1	12.1	-14.0	-5.6
COMBINED AREAS (63)	63,267	3.48	-3.9	-.9	13,091.7	1.49	12.6	15.9	902.2	11.4	-10.0	-3.3
NEW YORK-NEW JERSEY 8/	---	---	---	---	---	---	---	---	---	---	---	---

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TABLE 6. WHOLE MILK, SKIM MILK ITEMS, MILK AND CREAM MIXTURES, CREAM, AND TOTAL FLUID ITEMS SOLD IN MARKETING AREAS
DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, SEPTEMBER 1968 WITH COMPARISONS -CON.

MARKETING AREA	CREAM				TOTAL FLUID			
	SEPTEMBER 1968		CHANGE 1968 FROM 1967		SEPTEMBER 1968		CHANGE 1968 FROM 1967	
	DAILY AVERAGE	BUTTERFAT CONTENT	SEPTEMBER	YEAR TO DATE 3/	DAILY AVERAGE	BUTTERFAT CONTENT	SEPTEMBER	YEAR TO DATE 3/
	1,000 LB.		PERCENT		1,000 LB.		PERCENT	
<u>WEST NORTH CENTRAL -CON.</u>								
<u>SOUTHERN GROUP</u>								
ST. LOUIS	7.2	18.9	-18.8	-9.6	1,470	3.10	-5.5	-0.7
OSARKS	1.9	18.4	10.0	7.2	450	3.29	.2	3.3
KANSAS CITY	6.1	22.5	-5.8	-2.7	1,579	3.15	-2.7	.5
NECSHO VALLEY	.5	22.9	-13.2	2.9	218	3.23	-1.8	4.0
WICHITA	2.0	25.4	-.1	2.8	576	3.11	-7.5	-.8
<u>EAST SOUTH CENTRAL</u>								
PADUCAH	.5	23.0	9.7	16.3	237	3.26	-.7	4.6
NASHVILLE	1.8	27.3	-.9	5.2	959	3.20	-2.4	3.4
MEMPHIS	2.6	23.1	-3.1	.9	576	3.33	-8.4	3.1
KNOXVILLE 4/	.8	25.7	-17.8	-18.5	561	3.19	3.9	6.0
CHATTANOOGA 7/	.8	26.8	-16.7	-19.1	317	3.33	7.3	3.6
MISSISSIPPI	1.9	25.5	4.0	2.6	828	3.63	3.7	7.4
<u>WEST SOUTH CENTRAL</u>								
<u>NORTHERN GROUP</u>								
CENTRAL ARKANSAS	1.0	26.4	-11.8	-5.4	536	3.30	.3	1.4
OKLAHOMA METROPOLITAN	3.0	23.5	4.4	-3.0	990	3.34	-4.0	-1.5
RED RIVER VALLEY	1.1	23.5	-4.4	-4.6	364	3.22	-10.0	-4.3
TEXAS PANHANDLE	1.1	27.8	-1.9	-4.8	265	3.35	-2.5	-5.5
LUBBOCK - PLAINVIEW	.9	28.8	-21.1	-1.8	221	3.35	-7.4	-5.0
<u>SOUTHERN GROUP</u>								
NORTHERN LOUISIANA	1.2	24.6	-9.0	-7.0	378	3.65	-.2	4.0
NEW ORLEANS	1.9	22.9	-8.6	-7.6	755	3.75	-2.7	1.4
NORTH TEXAS	11.1	24.0	1.6	2.0	1,698	3.17	-1.0	1.9
CENTRAL WEST TEXAS	1.3	27.5	1.5	-7.2	395	3.13	-2.7	-3.7
AUSTIN - WACC	1.3	27.7	-13.4	6.3	569	3.27	-4.4	-3.2
SAN ANTONIO	1.2	23.6	7.3	8.6	546	3.36	.9	-1.9
CORPUS CHRISTI	1.1	23.7	99.5	45.0	391	3.38	-1.1	-2.3
<u>MOUNTAIN</u>								
EASTERN COLORADO	7.7	23.0	-6.6	3.9	1,359	3.25	-.5	3.3
GREAT BASIN	5.9	29.1	-6.4	2.1	807	3.18	-1.0	2.0
CENTRAL ARIZONA	5.2	22.2	5.5	9.0	1,065	2.99	-2.0	1.5
RIO GRANDE VALLEY	3.0	25.4	8.3	10.8	892	3.49	-6.3	-2.7
<u>PACIFIC</u>								
PUGET SOUND	11.8	27.6	-2.0	6.1	1,736	3.32	-1.5	4.0
INLAND EMPIRE	2.2	28.6	-11.9	-4.4	316	3.20	-6.8	-.7
COMBINED AREAS (63)	512.1	21.8	-7.6	-4.2	77,775	3.36	-1.6	1.5
NEW YORK-NEW JERSEY 8/	---	---	---	---	15,794	---	-1.3	-2.5

1/ Plain, flavored, and fluid equivalent of concentrated.

2/ Plain, fortified, and flavored skim and part skim milk, buttermilk, and cultured specialties.

3/ Data for February 1968 adjusted to a 28-day basis before computing percentage changes.

4/ Sales for marketing area as defined after the 1967 amendment.

5/ Merger of Wheeling, Northeastern Ohio, and Youngstown-Warren, July 1, 1968. Sales represent only the Northeastern Ohio market.

6/ Sales represent the area after the merger and expansion of Nebraska-Western Iowa and Sioux City, May 1, 1968; Madison, Milwaukee, Northeastern Wisconsin, Northwestern Indiana, Rock River Valley, and the area formerly regulated under the Chicago order, July 1, 1968.

7/ Sales for marketing area as defined prior to 1968 amendment.

8/ Small amount of sales estimated.

Table 7.--Federal milk order Class I price formula information, October 1968

Marketing area	Basic	Fluid	Supply-demand		Other	Class I price
	price	diff.	Computed	Effective	2/	
	1/					
Dollars per 100 pounds						
Massachusetts-R.I.-N.H.	3/6.11E	---	-0.24	-0.24	+1.04	4/6.91
Connecticut	3/6.11E	5/0.40	- .24	- .24	+1.04	4/7.31
New York-New Jersey	6.06E	---	- .16	- .16	+ .83	6.73
Delaware Valley	6.45E	---	0	0	+ .72	7.17
Upper Chesapeake Bay	Uses the Delaware Valley Class I price less 10 cents					7.07
Washington, D. C.	Uses the Delaware Valley Class I price less 10 cents					7.07
Clarksburg	4.23	1.98	+ .04	+ .04	+ .19	6.44
Tri-State	4.23	1.55	- .12	- .12	+ .30	5.96
Appalachian	4.23	1.93	---	---	+ .30	6.46
Tampa Bay	4.23	2.90	---	---	+ .10	7.23
Southeastern Florida	4.23	3.10	---	---	+ .10	7.43
Upper Florida	4.23	2.80	---	---	+ .10	7.13
Upstate Michigan	4.23	1.29	---	---	+ .30	5.82
Southern Michigan	4.23	1.40	---	---	+ .30	5.93
Northwestern Ohio	4.23	1.50	---	---	+ .30	6.03
Eastern Ohio-Western Pa.	4.23	1.67	---	---	+ .30	6.20
Columbus	4.23	1.25	0	0	+ .30	5.78
Miami Valley	4.23	1.24	+ .42	+ .39	+ .30	6.16
Cincinnati	4.23	1.32	+ .42	+ .39	+ .30	6.24
Mich. Upper Peninsula	4.23	1.15	---	---	+ .30	5.68
Chicago Regional	4.23	1.20	---	---	+ .10	5.53
Fort Wayne	4.23	1.20	+ .10	+ .10	+ .30	5.83
Louisville-Lex.-Evans.	4.23	1.29	+ .11	+ .11	+ .30	5.93
Indianapolis	4.23	1.27	+ .10	+ .10	+ .30	5.90
Southern Illinois	Uses the St. Louis Class I price less 7 cents					5.86
Central Illinois	4.23	1.19	---	---	+ .30	5.72
Duluth-Superior	4.23	.90	---	---	+ .30	5.43
Minneapolis-St. Paul	4.23	.86	---	---	+ .30	5.39
Eastern South Dakota	4.23	1.30	---	---	+ .30	5.83
Black Hills	4.23	2.15	---	---	+ .30	6.68
North Central Iowa	4.23	1.05	---	---	+ .30	5.58
Cedar Rapids-Iowa City	4.23	1.10	---	---	+ .30	5.63
Quad Cities-Dubuque	4.23	1.10	---	---	+ .30	5.63
Des Moines	4.23	1.25	---	---	+ .30	5.78
Nebraska-Western Iowa	4.23	1.40	---	---	+ .30	5.93
Minnesota-North Dakota	4.23	.86	---	---	+ .30	5.39

Continued

Table 7.--Federal milk order Class I price formula information, October 1968 -Con.

Marketing area	Basic	Fluid	Supply-demand		Other	Class I
	price	diff.	Computed	Effective	2/	
	1/					
	Dollars per 100 pounds					
St. Louis-Ozarks	4.23	1.40	---	---	+0.30	5.93
Kansas City	4.23	1.54	---	---	+ .30	6.07
Neosho Valley	4.23	1.34	---	---	+ .41	5.98
Wichita	4.23	1.60	---	---	+ .30	6.13
Paducah	Uses the St. Louis Class I price plus 25 cents					6.18
Nashville	4.23	1.38	0	0	+ .30	5.91
Memphis	4.23	1.74	NA	*	+ .30	6.27
Knoxville	4.23	1.50	- .06	- .06	+ .30	5.97
Chattanooga	4.23	1.75	+ .40	+ .40	+ .30	6.68
Mississippi	4.23	2.27	---	---	+ .30	6.80
Central Arkansas	4.23	1.74	NA	*	+ .30	6.27
Fort Smith	4.23	1.75	NA	*	+ .30	6.28
Oklahoma Metropolitan	4.23	1.78	---	---	+ .30	6.31
Red River Valley	Uses the Oklahoma Metropolitan Class I price plus 22¢					6.53
Texas Panhandle	4.23	2.05	---	---	+ .30	6.58
Lubbock-Plainview	Uses the North Texas Class I price plus 10 cents					6.75
Northern Louisiana	4.23	2.27	---	---	+ .30	6.80
New Orleans	4.23	2.65	---	---	+ .30	7.18
North Texas	4.23	2.12	---	---	+ .30	6.65
Central West Texas	Uses the North Texas Class I price plus 25 cents					6.90
Austin-Waco	Uses the North Texas Class I price plus 38 cents					7.03
San Antonio	Uses the North Texas Class I price plus 42 cents					7.07
Corpus Christi	Uses the North Texas Class I price plus 75 cents					7.40
South Texas	4.23	2.48	---	---	+ .30	7.01
Eastern Colorado	4.23	2.10	- .06	- .06	+ .30	6.57
Great Basin	4.23	2.05	- .18	- .18	+ .30	6.40
Western Colorado	Uses the Eastern Colorado Class I price less 5 cents					6.52
Central Arizona	4.23	2.30	0	*	+ .30	6.83
Rio Grande Valley	4.23	2.15	---	---	+ .30	6.68
Puget Sound	4.23	1.65	---	---	+ .30	6.18
Inland Empire	4.23	1.90	- .12	- .12	+ .30	6.31

* Suspended.

1/ All markets based on Minnesota-Wisconsin price except where indicated.
E-Economic index price.

2/ Other adjustments due to bracketing, relation to other markets, or temporary amendments effective during the month.

3/ Excludes 43 cents due to tie with New York-New Jersey economic index price.

4/ Class I price specified in order.

5/ Added to the bracketed price.

Table 8.--Prices and economic indexes used in Federal milk order formulas to determine October prices, with comparisons

Prices paid for manufacturing grade milk				
	Oct.	Sept.	Oct.	
	1968	1968	1967	
	Dol.	per 100 lb.	f.o.b. plant	
United States manufacturing plants, 3.5% <u>1/</u>	4.09	4.07	3.84	
Minnesota-Wisconsin manufacturing grade milk, 3.5% <u>2/</u>	4.28	4.23	3.98	
Midwest condenseries, 3.5%	4.127	4.082	3.858	
Local plants as listed in: (3.5%)				
Appalachian.	3.60	3.56	3.38	
Neosho Valley.	3.74	3.70	3.62	
New Orleans.	3.45	3.44	3.38	

Market price				
Dairy product and unit	Oct.	Sept.	Oct.	
	1968	1968	1967	
	Cents			
Price per pound:				
Butter, Chicago, 92-score	67.29	68.54	66.59	
Butter, Chicago, 93(92)-score	67.28	68.59	66.60	
Butter, New York, 92-score	68.61	69.09	67.58	
Butter, New York, 92-score <u>3/</u>	69.47	68.01	67.91	
Butter, New York, 93-score	69.01	69.39	67.79	
Cheese, Cheddars, Wisconsin Primary markets	48.38	47.56	44.88	
Nonfat dry milk:				
Spray, Chicago area plants <u>4/</u>	22.95	22.91	19.42	
Spray, at Chicago	24.46	24.30	20.68	
Roller, at Chicago	<u>5/</u>	<u>5/</u>	20.15	
Price per 40-quart can:				
Cream, Southeastern Pennsylvania average				
mid-point of range (CL & LCL)	29.56	29.00	29.00	

Index value for the month				
Economic factor	Oct.	Sept.	Oct.	
	1968	1968	1967	
	Index			
U. S. wholesale commodity prices, 1957-59=100	109.1	109.1	106.1	
Local factors, bases described in order:				
New England:				
Dairy feed price	90.11	90.11	97.32	
Farm wage rates <u>6/</u>	152.63	152.63	142.23	
Disposable personal income <u>6/</u>	157.85	155.90	144.83	
Pennsylvania:				
Dairy feed price	107.5	108.9	111.7	
Farm prices other than dairy	98.9	102.2	94.6	

1/ Converted by using New York 92-score butter price (mid-point) times 0.125.

2/ Converted by using Chicago 92-score butter price times 0.120.

3/ 16th of preceding month through 15th of current month.

4/ 26th of preceding month through 25th of current month.

5/ Insufficient daily price data.

6/ Quarterly data used in Class I formula for the indicated month.

Table 9.--Federal order base and excess prices for milk of 3.5 percent butterfat content, October 1/

Marketing area	Base price		Excess price		Marketing areas	Base price		Excess price	
	October		October			October		October	
	1968	: 1967	1968	: 1967		1968	: 1967	1968	: 1967
	Dollars per 100 lb.					Dollars per 100 lb.			
Appalachian					Memphis				
Black Hills					Mississippi				
Central Arkansas					Nashville				
Chsttsnooga					New Orleans				
Clarksburg					Puget Sound	5.91	5.63	4.35	4.02
Delaware Valley					Southern Michigan	5.54	4.84	4.23	3.91
Fort Smith					Texas Panhandle				
Kansas City					Upper Chesapeake Bay				
Knoxville					Washington, D. C.				
Lubbock-Plainview									

1/ See footnotes on table 1 for location at which price is reported.

Table 10.--Seasonal incentive fund included under various Federal milk orders, October

Marketing area	October		Marketing area	October	
	1968	1967		1968	1967
	Dol.	per 100 lb.		Dol.	per 100 lb.
Central Arizona	0.12	0.14	Massachusetts-R.I.-N.H.	0.31	0.31
Central Illinois	.36	.14	Miami Valley	.25	.29
Cincinnati	.26	.32	Nebraska-Western Iowa	.45	.43
Columbus	.27	.30	New York-New Jersey	.32	.35
Connecticut	.41	.39	Paducah	.55	.50
Eastern South Dakota	.23	---	St. Louis-Ozarks	.36	.14
Fort Wayne	.25	.27	Southern Illinois	.35	.15
Indianapolis	.29	.48	Tri-State	.24	.30
Inland Empire	.30	.33	Wichita		
Louisville-Lexington-Evansville	.43	.49			

Table 11.--Filled and imitation milk sales in Federal milk order markets 1/

Product composition	August 1968				September 1968				October 1968		
	Mkts.	Handlers	Volume		Mkts.	Handlers	Volume		Mkts.	Handlers	Volume
	Number		1,000 lb.		Number		1,000 lb.		Number		1,000 lb.
Filled milk:											
Nondairy fat and:											
Fluid skim milk	16	40	4,428		16	41	4,292		16	41	4,888
Nonfat dry milk	9	15	846		8	15	807		8	15	753
Imitation milk:											
Nondairy fat and:											
Sodium caseinate and other protein	8	8	2/		8	8	2/		8	8	2/
Total	25*	63	5,274		25*	64	5,099		3/ 25*	64	5,641

* Represents number of markets reporting sales of one or more products. 1/ The survey information reported here may not reflect all sales of filled and imitation milks in all order markets. 2/ Unknown.

3/ Cedar Rapids-Iowa City, Central Arizona, Central Illinois, Cincinnati, Columbus, Corpus Christi, Delaware Valley, Eastern Colorado, Eastern Ohio-Western Pennsylvania, Indianapolis, Kansas City, Miami Valley, Minneapolis-St. Paul, Nebraska-Western Iowa, New York-New Jersey, North Central Iowa, Northwestern Ohio, Oklahoma Metropolitan, Puget Sound, Red River Valley, San Antonio, Southern Illinois, Tri-State, Upper Chesapeake Bay, and Washington, D. C.

Table 12.--Whole milk used in the production of manufactured dairy products in the United States and whole milk used in manufactured dairy products by handlers regulated under Federal order markets, 1967

Manufactured dairy products	United States		Federal Order		
	Total	Percentage	Total	Percentage	Percentage
	of produc-	of total	of produc-	of total	of total
	tion	factory	tion	factory	U. S.
	1/	products	2/	products	
	Mil. lb.	Percent	Mil. lb.	Percent	Percent
Butter	26,100	43.7	6,935	33.7	26.6
Cheese 3/	17,200	28.8	2,974	14.5	17.3
Frozen desserts and condensed whole milk	11,400	19.1	7,940	38.6	69.6
Cottage cheese, creamed	1,100	1.9	945	4.6	85.9
Evaporated and dry whole milk and other factory products	3,900	6.5	4/ 1,766	8.6	45.3
Total factory products	59,700	100.0	20,560	100.0	34.4

1/ "Production of Manufactured Dairy Products," 1967, USDA-SRS, Da 2-1 (68).

2/ Market Administrators' Bulletins and Product Reports. Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to nonpool plants for processing. Some of the data are partially estimated.

3/ All cheese except creamed cottage cheese.

4/ Includes evaporated and dry whole milk, milk used in candy, soup, bakery products, etc.

Table 12a.--Seasonality of milk utilized in manufactured products in Federal order markets. Milk used in selected manufactured dairy products as a percentage of the monthly average use for the year, 1967

Month	Butter	Cheese	Frozen desserts and condensed whole milk	Cottage cheese, creamed	Evaporated and dry whole milk and other factory products
			Percent		
January	112.0	99.3	82.5	96.6	97.0
February	100.6	91.7	80.9	96.2	98.0
March	100.4	93.1	97.3	105.6	102.7
April	110.6	125.9	103.7	96.2	138.2
May	121.4	132.8	114.4	105.8	147.0
June	122.8	130.3	125.1	104.1	133.3
July	89.1	105.9	123.5	101.0	103.0
August	74.3	91.5	123.7	106.6	73.9
September	68.3	68.2	94.3	96.5	69.9
October	86.6	77.5	94.4	95.6	80.2
November	96.5	76.0	81.8	95.6	73.1
December	117.4	107.8	78.4	100.2	83.7

Use of Surplus Milk in Federal Milk Order Markets, 1967

Producer deliveries of milk to handlers regulated under Federal milk orders represented nearly 50 percent of all milk and cream delivered to all plants and dealers in the United States in 1967. Approximately two-thirds of these deliveries was used in the production of fluid milk products, and as such represent about two-thirds of the total fluid products sold in the country. Approximately one-third of these deliveries was used in the production of nonfluid milk products.

In order to be sure an adequate supply of milk is available at all times in Federal order markets, some reserve supply is necessary and desirable. In addition to day-to-day and seasonal variations in deliveries from producers, purchases of milk by consumers show considerable variation from day-to-day and from month-to-month. Because of these variations "daily" and "seasonal" reserve supplies of milk are a necessary and an inevitable part of the milk supply of any fluid milk market. The volume of milk used in manufactured products varies from market-to-market and from month-to-month, depending on such factors as local milk production and consumption patterns, market organization and institutional factors, extent and location of the marketing area, etc.

Handlers regulated under Federal milk orders are engaged primarily in the production of fluid milk products and, as such, may have only limited facilities for processing manufactured products. In some markets much of the surplus, especially the seasonal surplus, is diverted or transferred to nonpool plants for processing. In 1967, approximately 57 percent of the surplus Federal order milk was transferred or diverted to nonpool plants for use in manufactured products (excludes New York where such information is not available). This relationship however, is not the same in all markets, nor is it the same for all products. In the case of surplus milk used in butter and cheese, 35 percent was used in pool plants, the remainder was transferred or diverted to nonpool plants. Of the surplus milk used in frozen desserts and condensed milk, one-half was used in pool plants; and in the case of cottage cheese, almost three-fourths of the surplus milk used in this product was used in pool plants.

Because of the nature of milk production and the perishability and demand for fluid milk products, the amount of milk utilized in manufactured products has a noticeable seasonality during the year. As might be expected the amount of surplus milk utilized in butter and cheese is greatest in the flush production months of April, May, and June. Surplus milk used in frozen desserts is greatest in the summer months of June, July, and August. The seasonality pattern of milk used in cottage cheese shows the least fluctuation and is quite similar to that of fluid milk products.

The data in table 12 compares whole milk equivalent (based on milkfat content) used in the production of various manufactured products in Federal milk order markets with total whole milk equivalent used in the production of all manufactured products in the United States.^{1/} Table 12a compares the seasonality of milk utilized in manufactured products in Federal milk order markets.

A total of 59.7 billion pounds of net whole milk equivalent was used in the production of manufactured dairy products in the United States in 1967. Butter represented the largest single use at 44 percent; cheese production accounted for 29 percent; frozen dairy products (including ice cream) and condensed milk, 19 percent; cottage cheese, 2 percent; and evaporated and dry whole milk and other factory products, about 6 percent of the total net whole milk equivalent used in all manufactured dairy products.

A total of 20.7 billion pounds of surplus whole milk equivalent was used in the production of manufactured dairy products by handlers regulated under Federal milk order markets in 1967. Frozen dairy products (including ice cream) and condensed milk represented the largest use at 38.6 percent; butter production accounted for 33.7 percent; cheese, 14.5 percent; cottage cheese, 4.6 percent; and evaporated and dry whole milk and other factory products, 8.6 percent of the total whole milk equivalent used in all manufactured dairy products in Federal milk order markets.

While surplus Federal order milk used in factory products accounted for 34 percent of the United States total, the production of certain products was relatively unimportant while production of others was important when compared to United States production. In the case of butter and cheese, Federal order milk accounted for less than 23 percent of the total United States production of these two products (the New York and Chicago markets 2/ accounted for over

Use of Surplus Milk in Federal Milk Order Markets, 1967 -Continued

35 percent of the Federal order milk used in these two products). In the case of the production of some of the so-called "soft products", mainly cottage cheese and frozen dairy products, Federal order milk accounted for about 70 percent of the total United States production of these products (cottage cheese accounted for 86 percent and frozen products plus condensed whole milk 69 percent). This relationship corresponds closely to the relationship of fluid milk sales in Federal milk order markets to total fluid sales in the country.

The relative importance of cottage cheese and frozen desserts made from Federal order milk is associated with the nature of the order program and with the nature of the products themselves. Handlers regulated under Federal milk orders are primarily handlers of fluid milk. Like fluid products, cottage cheese and frozen dairy products are perishable and bulky. Also, there is a general demand for these products on most fluid milk routes. Therefore, they are often processed in the same plants where fluid milk is processed and packaged. For these reasons, cottage cheese and frozen dairy products have become closely associated with fluid milk markets; and their production and distribution have become an integral part of many fluid milk operations. As the scope of the Federal milk order program has expanded in relation to the total fluid milk industry, so has the production and handling of these manufactured products by order handlers increased in relation to total United States production.

1/ "Production of Manufactured Dairy Products," 1967, USDA-SRS, Da 2-1 (68).

2/ Represents combined data from the Northeastern Wisconsin, Milwaukee, Rock River Valley, Northwestern Indiana, and Madison Federal milk marketing orders.

MAJOR ORDER ACTIONS, OCTOBER 1968

Amendments:

Cincinnati - October 17 (33 FR 15407, 10/17/68). Amendment reduces Class I differential from \$1.34 to \$1.30.

North Texas - October 1 (33 FR 12300, 8/31/68). Marketing area expanded by the addition of the following Texas counties: Anderson, Bosque, Camp, Cherokee, Erath, Franklin, Freestone, Gregg, Harrison, Henderson, Hill, Hood, Limestone, Marion, Morris, Navarro, Panola, Rains, Red River, Rusk, Sabine, San Augustine, Shelby, Smith, Somervell, Titus, Upshur, Van Zandt, and Wood. Population (1960 Census) 2,557,965.

Amendment provides for pricing zones. The Class I price in Zone II would be 10 cents more than the Class I price in Zone I. Zone I includes the Texas counties of Bosque, Cooke, Collin, Dallas, Delta, Denton, Ellis, Erath, Fannin, Freestone, Grayson, Hill, Hood, Hopkins, Hunt, Johnson, Kaufman, Lamar, Limestone, Navarro, Parker, Rockwall, Somervell, and Tarrant. Zone II includes all territory in the marketing area outside of Zone I and all territory in Bowie and Cass Counties, Texas, and the city of Texarkana, Arkansas.

For plants located outside the marketing area or Bowie or Cass Counties, Texas or the city of Texarkana, Arkansas, and 110 miles or more from Dallas, Texas, the Class I price is reduced at the rate of 1.5 cents for each 10 miles or fraction thereof that such plant is located from Dallas, Texas.

Red River Valley - October 18 (33 FR 15473, 10/18/68). Amendment deletes the base-excess plan provisions from the order.

St. Louis-Ozarks - October 1 (33 FR 14625, 10/1/68). Consolidated order is similar to the St. Louis order with the following major changes: Amendment merges the St. Louis and Ozarks marketing areas and adds St. Charles and Warren Counties, Missouri, to the consolidated area. Population (1960 Census) 2,382,015.

A distributing plant must dispose of, as fluid milk products, at least 50 percent (after subtraction of the quantity of packaged fluid milk products received from other pool plants) of its "Grade A" receipts from producers, supply plants and cooperative associations. At least 10 percent of such receipts or an average of not less than 7,000 pounds per day, whichever is less, must be disposed of on routes in the marketing area. A distributing plant which qualified in the immediately preceding month would be qualified in the current month. A supply plant must ship at least 50 percent of its "Grade A" receipts from producers and cooperative associations to pool distributing plants. If the percentage requirement is met during each of the months of September through February, the plant has automatic pool plant status during the months of March through August.

Producer-handler definition revised to include the requirement that a producer-handler must provide proof that the operation of a dairy farm and a distributing plant are his personal enterprises and at his personal risk. A handler or a cooperative association may divert milk to nonpool plants on any day during the months of March through August, and not for more days of production of producer milk than is physically received at pool plants during each of the months of September through February. Transfer provision revised to provide for the classification as Class I of skim milk and butterfat transferred or diverted in bulk to a nonpool plant located more than 350 miles from St. Louis to be based on shortest highway distance rather than on airline mileage.

The Class I price which is the Minnesota-Wisconsin price for the preceding month plus \$1.40 (and plus 20 cents through April 1969) would be the price at plants located in Zone I. Zone I includes all of the marketing area except the Missouri counties of Bollinger, Cape Girardeau, St. Francois, Perry, and Ste. Genevieve and the Arkansas counties of Benton, Boone, Marion, and Washington. The Class I price for Zone II is the Zone I price plus a location adjustment of 15 cents. Zone II includes the Missouri counties of Bollinger, Cape Girardeau, St. Francois, Perry, and Ste. Genevieve. The Class I price for Zone III is the Zone I price plus a location adjustment of 17 cents. Zone III includes the Arkansas counties of Benton, Boone, Marion, and Washington. For plants located outside the marketing area and Texas County, Missouri, and more than 30 miles from the nearer of St. Louis or Springfield, Missouri, the price would be reduced 1.5 cents for each 10 miles or fraction thereof.

Marketing service deduction changed from five cents to six cents per hundredweight.

Southern Michigan - October 1 (33 FR 14599, 9/28/68). To qualify for pooling, in any month of October through March, a supply plant must ship at least 40 percent or the call percentage, whichever is higher, of its "Grade A" receipts to pool distributing plants. In any month of April through September, the percentage is 30 percent or the call percentage, whichever is higher. If the percentage requirement is met during each of the months of October through March, the plant would remain qualified for each of the following months of April through September during which it meets any announced call percentage. Amendment also provides for a bargaining cooperative and a plant-operating cooperative to qualify a marketing area supply plant on the basis of their joint delivery performance in the market. Conforming changes in the "call percentage" provision.

Suspensions:

Central Arkansas - October 1 (33 FR 15474, 10/18/68). This action suspends, for the months of October through December 1968, the 10-day limitation on diversion of producer milk to nonpool plants.

Inland Empire - October 10 (33 FR 15108, 10/10/68). Action suspends for September 1968 the 20 percent requirement provided on diverting producer milk to nonpool plants from pool plants. Action also suspends the provision that for September, producer milk must be received at a pool plant on at least six days to qualify the producer's milk for diversion during the month.

MAJOR ORDER ACTIONS, OCTOBER 1968 -CONTINUED

Determination:

Neosho Valley and St. Louis-Ozarks - October 1 (33 FR 15107, 10/10/68). For the purpose of computing the Neosho Valley Class I price, this determination provides for the Class I price announced for Zone I under the St. Louis-Ozarks order to be equivalent to the Ozarks order (prior to the merger with St. Louis) price specified in the Class I price provision of the Neosho Valley order and should be used until the Neosho Valley order is amended.

Termination:

Memphis - October 1 (33 FR 16116, 11/2/68). This termination order eliminates provisions which required a Class I classification for cream and other fluid milk products transferred or diverted more than 225 miles to a nonfluid milk plant.

New Order:

South Texas - October 1 (33 FR 12291, 8/31/68). Other provisions were effective September 1, 1968. The basic formula price is the Minnesota-Wisconsin price. The order specifies that from the effective date of the order through April 1969, the basic formula price used to compute the Class I price shall not be less than \$4.33. Class I price. From October 1, 1968 through March 1970, the Class I price for Zone I shall be the basic formula price for the preceding month plus \$2.48, and plus 20 cents through April 1969. (Zone I is all of the territory located within 60 miles of the nearer of the city halls in Beaumont and Houston, Texas.)

Class II price. The Minnesota-Wisconsin price, but not to exceed a butter-powder formula price plus 10 cents. The butter-powder formula in the order is (Chicago 92-score butter price minus 3 cents x 4.2) plus (Chicago area spray price minus 5.5 cents x 8.2025).

The Class I butterfat differential is the Chicago 92-score butter price for the preceding month times 0.125. The Class II butterfat differential is the Chicago 92-score butter price for the current month times 0.115. The producer butterfat differential is the weighted average of the Class I and Class II differentials.

For plants located north of U. S. Highway 90 or in Fayette County, Texas, and outside Zone I, the Class I price is reduced at the rate specified below for the applicable distance that such plant is located from Houston, Texas:

<u>Miles from city hall in Houston, Texas</u>	<u>Rate per hundredweight (cents)</u>
60 miles but less than 100 miles	12
100 miles but less than 140 miles	18
140 miles but less than 180 miles	22
180 miles but less than 225 miles	26

The price would be reduced 1.5 cents for each additional 10 miles or fraction thereof that such plant is located more than 225 miles from Houston, Texas.

For plants located south of U. S. Highway 90 and outside of Zone I or Fayette County, Texas, the Class I price is increased at the rate specified below for the applicable distance that such plant is located from Houston, Texas:

<u>Miles from city hall in Houston, Texas</u>	<u>Rate per hundredweight (cents)</u>
60 miles but less than 100 miles	12
100 miles but less than 140 miles	18

The price would be increased 1.5 cents for each additional 10 miles or fraction thereof that such plant is located more than 140 miles from Houston, Texas.

The marketing service deduction is five cents per hundredweight and the expense of administration is four cents per hundredweight.

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